TC-KE230

SERVICE MANUAL

AEP Model UK Model

The mechanical and electrical specifications of TC-KE230 is almost same as TC-KE200.

This manual contains only the points which differ from TC-KE200. For the informations not contained in this manual, please refer to the TC-KE200/KE300/KE400S/RX300 service manual (9-960-660- III) previously issued.

DIFFERENT PARTS LIST

Page		тс	-KE200	TC-KE230			
	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	
38	* 7 * 7		PANEL, BACK (KE200:AEP,G) PANEL, BACK (KE200:UK)	7 7		PANEL, BACK (AEP) PANEL, BACK (UK)	
39	51 55		PANEL ASSY, FRONT (KE200) BUTTON (POWER)	51 55		PANEL ASSY, FRONT BUTTON (POWER)	
51	*	********	& PACKING MATERIALS ************************************			& PACKING MATERIALS	

• Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

STEREO CASSETTE DECK





TC-KE200/KE300/KE400S/RX300

SERVICE MANUAL

Ver 1.1 2001.05

US Model TC-KE400S

Canadian Model TC-RX300

> AEP Model TC-KE200/KE300/KE400S

> > UK Model TC-KE200/KE400S

> > > E Model TC-KE300

Australian Model

TC-KE300/KE400S

0

Photo: TC-KE400S

 Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

"DOLBY", the double-D symbol DD and "HX PRO" are trademarks of Dolby Laboratories Licensing Corporation.

Model Name Using Similar Mechanism	TC-K215/K361/K461S/RX361
Tape Transport Mechanism Type	TC-KE200 : TCM-190VB22CS TC-KE300/KE400S : TCM-190VB12CS TC-RX300 : TCM-190RB12C

SPECIFICATIONS

System

Recording system

4-track 2-channel stereo

Fast winding time (approx.)

90 sec. (with Sony C-60 cassette)

Bias

AC bias

Heads

Erasing head \times 1 (F&F head) Playing/Recording head × 1 (SD head)

Motors

Capstan motor × 1 (DC servo motor) Reel motor × 1 (DC motor)

Signal-to-noise ratio (at peak level, weighted, and with Dolby NR off)

Type I tape, Sony Type I (NORMAL): 55 dB Type II tape, Sony Type II (HIGH): 57 dB Type IV tape, Sony Type IV (METAL): 58 dB

S/N ratio improvement (approximate values)

With Dolby B NR on: 5 dB at 1 kHz, 10 dB at 5 kHz With Dolby C NR on: 15 dB at 500 Hz, 20 dB at 1 kHz

Sony Corporation 9-960-660-12

2001E0200-1 © 2001.5

Home Audio Company

Shinagawa Tec Service Manual Production Group

Harmonic distortion

0.4% (with Type I tape, Sony Type I (NORMAL): 160n Wb/m 315 Hz, 3rd H.D.) 1.8% (with Type IV tape, Sony Type IV (METAL): 250n Wb/m 315 Hz, 3rd H.D.)

Frequency response (Dolby NR off)

Type I tape, Sony Type I (NORMAL): EXCEPT KE200 $30-15,000 \text{ Hz} (\pm 3 \text{ dB}, \text{IEC})$ $20-16,000 \text{ Hz} (\pm 6 \text{ dB})$ KE200 $30-14,000 \text{ Hz} (\pm 3 \text{ dB, IEC})$ $20-15,000 \text{ Hz} (\pm 6 \text{ dB})$ Type II tape, Sony Type II (HIGH): EXCEPT KE200 $30-16,000 \text{ Hz} (\pm 3 \text{ dB, IEC})$ $20-17,000 \text{ Hz} (\pm 6 \text{ dB})$ KE200 $30-15,000 \text{ Hz} (\pm 3 \text{ dB, IEC})$ $20-16,000 \text{ Hz} (\pm 6 \text{ dB})$

Continued on page 2 —

STEREO CASSETTE DECK



Type IV tape, Sony Type IV (METAL): EXCEPT KE200 $30-18,000 \text{ Hz} (\pm 3 \text{ dB}, \text{IEC})$ $30-13,000 \text{ Hz} \text{ (} \pm 3 \text{ dB,} - 4 \text{ dB recording)}$ 20 - 19,000 Hz (± 6 dB) KE200 $30-15,000 \text{ Hz} \text{ (} \pm 3 \text{ dB, IEC)}$ 30-13,000 Hz (\pm 3 dB, - 4 dB recording) $20-16,000 \text{ Hz} (\pm 6 \text{ dB})$ Wow and flutter ± 0.13% W. Peak (IEC) 0.07% W. RMS (NAB) ±0.18% W. Peak (DIN) Inputs Line inputs (phono jacks) Sensitivity: 0.16 V

Outputs

Line outputs (phono jacks)

Rated output level: 0.5 V at a load impedance of 47 kilohms Load impedance: Over 10 kilohms

Input impedance: 47 kilohms

Headphones (stereo phone jack)

Output level: 0.25 mW at a load impedance of 32 ohms

General

Power requirements

Where purchased	Power requirements			
US, Canadian model:	120 V AC, 60 Hz			
AEP, UK, German, Malaysia, Singapore mod	del: 220 - 230 V AC, 50/60 Hz			
Australian model:	240 V AC, 50/60 Hz			
E model :	110 - 120 V or 220 - 240 V AC, 50/60 Hz adjustable with the voltage selector			

Power consumption

19 W (EXCEPT KE400S) 20 W (KE400S)

Dimensions (approx.) (w/h/d)

 $430 \times 120 \times 310$ mm ($17 \times 4^{3}/4 \times 12^{4}/4$ inches) incl. projecting parts and controls

Mass (approx.)

3.5 kg (7 lbs 11 oz)

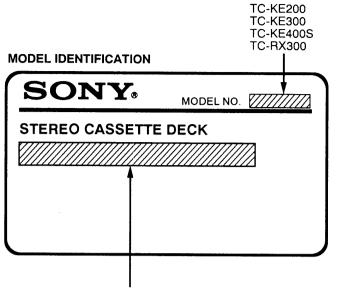
Supplied accessories

Audio connecting cords (2)

Design and specifications are subject to change without notice.

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7	ELECTRICAL PARTS LIST42



US, Canadian model : AC 120V 60Hz
Australian model : AC 240V~50/60Hz

AEP, UK, German, Malaysia,

Singapore model: AC 220-230V~50/60Hz

E model: AC 110-120V or 220-240V~50/60Hz

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK A OR DOTTED LINE WITH MARK ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ASUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

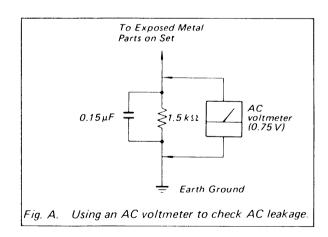
After correcting the original service problem, perform the following safety check before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

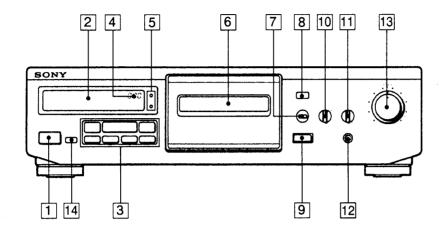
The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)



SECTION 1 GENERAL

IDENTIFYING THE PARTS ON THE FRONT PANEL



- 1 POWER switch
- 2 Display panel
- 3 Tape operation buttons
 - ◄ (rewind) (Multi-AMS") button
 - (play) button (KE200/KE300/KE400S)
 - ⟨forward play and reverse play⟩ button (RX300)
 - (fast-forward) (Multi-AMS**) button
 - (stop) button
 - PAUSE button
 - REC MUTE (record muting) button
 - REC (record) button
- 4 Tape counter
- 5 Counter buttons RESET button MEMORY button

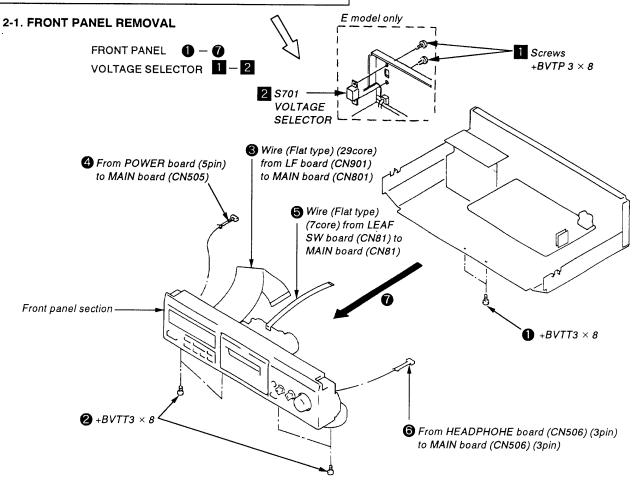
- 6 Cassette holder
- 7 AUTO CAL button (EXCEPT KE200)
- 8 Remote control sensor
- 9 合 (eject) button
- 10 DOLBY NR (noise reduction) button
- [1] BALANCE control
- 12 PHONES jack (stereo phone jack)
- 13 REC (recording) LEVEL control
- 14 DIRECTION MODE switch (RX300 only)
 - "AMS is an abbreviation for Automatic Music Sensor

SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

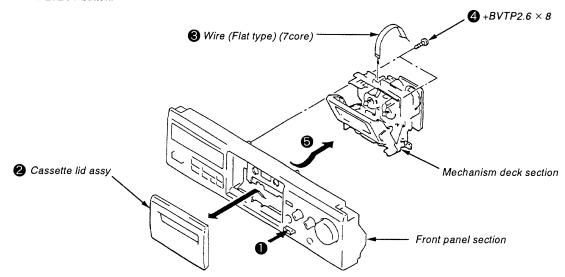
CASE

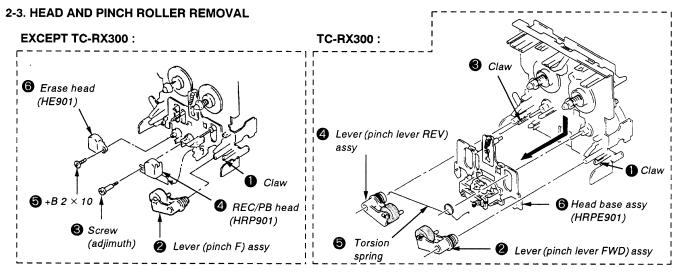
Unscrew the four case attachment screws M3 × 8 and remove the case.



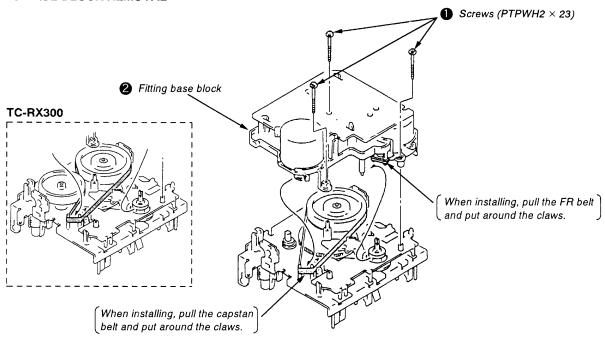
2-2. MECHANISM DECK SECTION REMOVAL

1 Press the EJECT button.

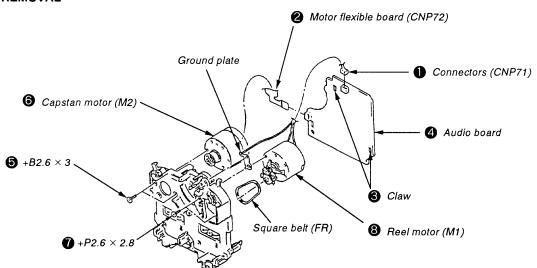




2-4. FITTING BASE BLOCK REMOVAL



2-5. MOTOR REMOVAL



SECTION 3 ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

PRECAUTION

 Clean the following parts with a denatured alcohol-moistened swab:

record/playback/erase head pinch roller rubber belts capstan

- 2. Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustment.
- 4. After the adjustments, apply suitable locking compound to the parts adjusted.
- 5. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Mode	Torque meter	Meter reading	
Forward	CQ-102C	35 to 60g • cm (0.48 to 0.83 oz • inch)	
Forward back tension	CQ-102C	2 to 60g • cm (0.03 to 0.08 oz • inch)	
Reverse (RX300 only)	CQ-102RC	35 to 60g • cm (0.48 to 0.83 oz • inch)	
Reverse back tension (RX300 only)	CQ-102RC	2 to 6g • cm (0.03 to 0.08 oz • inch)	
FF/REW	CQ-201B	70 to 110g•cm (0.98 to 1.52 oz•inch)	

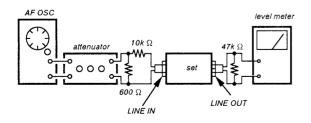
3-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

- 1. The adjustment should be performed in the publication. (Be sure to male playback adjustment at first.)
- 2. The adjustments and measurement should be performed for both L-CH and R-CH.
 - Position of switches and controls knobs DOLBY NR switch : OFF
 - Standard record position:
 Deliver the standard input signal level to input jack and set the REC LEVEL control to obtain the standard output signal level

- Record Mode -

as follows.



Standard Input Level

Input terminal	LINE IN		
source impedance	10k Ω		
input signal level	0.5V (- 3.8dB)		

Standard Output Level

Output terminal	LINE OUT		
load impedance	47k Ω		
output signal level	0.5V (- 3.8dB)		

Test Tape

•		
Tape	Contents	Use
P-4-A100	10kHz, - 10c	dB Azimuth Adjustment
P-4-L300	315Hz, 0	dB PB Level Adjustment
WS-48B	3kHz, 0	dB Tape Speed Adjustment

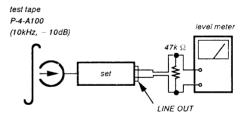
0dB=0.775V

Test Mode

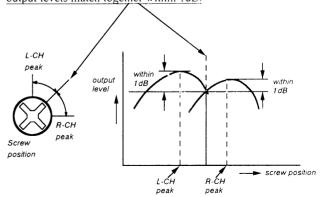
- 1. Insert a short-circuit plug into TP801 (2P) and turn ON the power switch. (Earth pin (9) of IC801 and turn ON the power switch.)
 - At first, all the fluorescent tubes light up, then the system returns to normal display. (However, "00 00" is not displayed on the counter.)
- 2. To release the test mode, remove the short plug and turn off the power switch.
- 3. Remove the short plug after completion of adjustment.

Record/Playback Head Azimuth Adjustment Procedure:

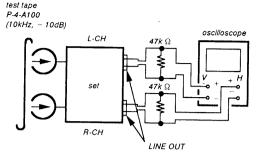
1. playback Mode

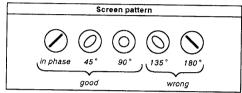


2. Turn the adjustment screw for the maximum output levels. If these levels do not match, turn the adjustment screw until both of output levels match together within 1dB.



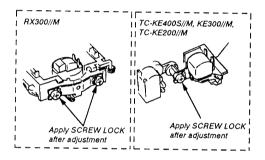
3. Phase check Playback Mode





4. After the adjustment, lock the adjustment screws with suitable locking compound.

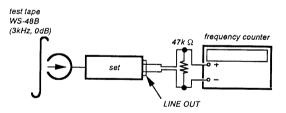
Adjustment Location: - record/playback head -



Tape Speed Adjustment

Procedure:

- Playback Mode -



- 1. Adjust RV71 so that the frequency counter reading becomes $3{,}000 \pm 10 \text{Hz}.$
- 2. If, the frequency conter reading does not become 3,000 \pm 10Hz. Turn RV72 and back to 1st. step again.

Note:

Turn RV72 to clockwise - Tape speed becomes fast.

Turn RV72 to counter clockwise - Tape speed becomes slow.

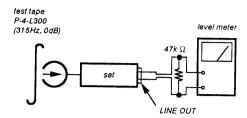
Frequency difference between the beginning and the end of the tape should be within 1%.

Adjustment Location: AUDIO board (Page 9)

Playback Level Adjustment

Procedure:

- Playback Mode -



Adjust RV11 (L-CH) and RV21 (R-CH) so the level meter reading becomes the adjustment limits below.

Adjustment Value:

LINE OUT level : -7.7 ± 0.5 dB (0.301 to 0.338V)

Level difference between channels: within 0.5dB

Confirm the LINE OUT level does not change in playback mode while changing the mode from playback to stop several times

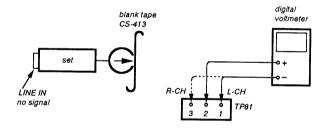
Adjustment Location: AUDIO board (Page 9)

Bias Consumption Current Adjustment

This adjustment should be performed when replacing the head assy or the bias oscillating transformer (T81, T91).

Procedure:

- Record Mode -



- 1. Connect the digital voltmeter to test point TP81.
- 2. Set RV81 (L-CH) and RV91 (R-CH) to mechanical center.
- 3. Set to record mode.
- 4. Adjust T81 (L-CH) and T91 (R-CH) so that the digital voltmeter reading becomes minimum.

Adjustment Location: AUDIO board (Page 9)

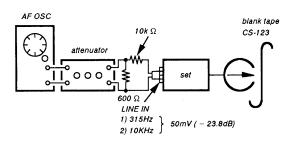
Record Bias Adjustment

Setting:

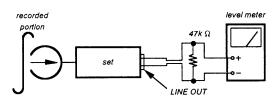
REC LEVEL control: standard record position (Refer to page 7)

Procedure:

1. Record Mode



2. Playback Mode



Confirm that the 10kHz playback output is 0 ± 0.5 dB relative to the 315Hz output. If necessary, adjust semi-fixed resistor as shown below and repeat the steps gibven above.

TC-KE200: RV12 (L-CH), RV22 (R-CH)

TC-KE300/KE400S/RX300 : RV81 (L-CH), RV91 (R-CH)

Adjustment Location: AUDIO board

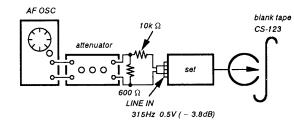
Record Level Adjustment

Setting:

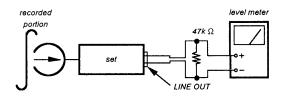
REC LEVEL control: standard record position (Refer to page 7)

Procedure:

1. Record Mode



2. Playback Mode



Confirm playback the tape recorded become adjustment level as follows.

If necessary, adjust RV111 (L-CH), RV211 (R-CH) and repeat the steps 1 and 2.

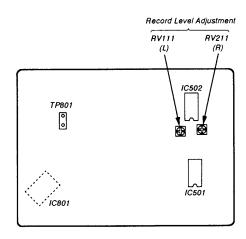
Adjustment Value:

LINE OUT level : -3.8 ± 0.5 dB (0.47 to 0.53V)

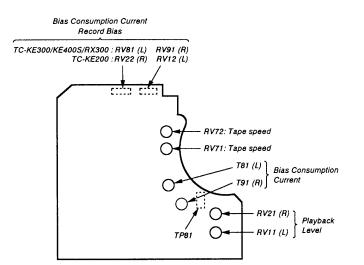
Adjustment Location: MAIN board

- Adjustment Parts Location Diagrams -

[MAIN BOARD]



[AUDIO BOARD]



SECTION 4 EXPLANATION OF IC TERMINALS

IC801 CXP82612-022Q (SYSTEM CONTROL)

Pin No.	Pin name	I/O	Description
1	STOP SW	I	Mechanism stop switch input terminal.
2	SIRCS IN	I	SIRCS signal input terminal.
3	VRSION 2	I	Version selector.
4	NC		Not used.
5	NC	_	Not used.
6	NC	-	Not used.
7	MPX ON/OFF	0	MPX filter ON/OFF control terminal. OFF=L
8	CAL ON/OFF	0	Calibration ON/OFF control terminal.
9	REC CAL 0	I	REC calibration terminal.
10	REC CAL 1	0	REC calibration terminal.
11	GP CAL 0	0	GP calibration terminal.
12	GP CAL 1	I	GP calibration terminal.
13	LINE MUTE	0	Line mute ON/OFF. 0V=Mute
14	AMS IN	ı	AMS signal input terminal.
15	NC	_	Not used.
16	REC MUTE	0	REC out mute terminal.
17	REEL -	0	Reel motor — control terminal.
18	REEL +	0	Reel motor+ control terminal.
19	BIAS	0	Bias ON/OFF.
20	RELAY	0	Relay selector terminal.
21	CAL KEY	I	Calibration ON/OFF switch input terminal.
22	METER L	I	Meter level L ch.
23	KEY X	I	Key switch input terminal.
24	KEY Y	I	Key switch input terminal.
25	METER R	I	Meter level R ch.
26	DOLBY AD	I	Dolby OFF/B/C/S select terminal.
27	HALF	I	Half pawl input terminal.
28	METAL CHROM	I	Metal, CrO ₂ tape selector terminal. "H": Metal, CrO ₂
29	S. REEL	 	Supply pulse input terminal.
30	RESET	I	Reset terminal.
31	XO	0	System clock input terminal.
32	XI	1	System clock output terminal.
33	Vss	 	Ground.
34	BIAS CAL 0	0	Bias calibration terminal.
35	BIAS CAL I	0	Bias calibration terminal.
36	BIAS CAL 2	0	Bias calibration terminal.
37	BIAS CAL 3	0	Bias calibration terminal.
38	CAP. M ON/OFF	0	Capstan motor ON/OFF terminal.
39	OSC H/L	0	OSC H/L control.
40	OSC ON/OFF	10	OSC ON/OFF control.

Pin No.	Pin name	I/O	Description
41	BC/ S	0	Dolby B, C/S select terminal.
42	DOLCON	0	Dolby B/C control terminal.
43	REC/PB	0	Recording/Playback selector for dolby IC.
44	NC	_	Not used.
45	NC	-	Not used.
46	S1	0	Fluorescent indicator tube segment output.
47	S2	0	Fluorescent indicator tube segment output.
48	S3	0	Fluorescent indicator tube segment output.
49	S4	0	Fluorescent indicator tube segment output.
50	S5	0	Fluorescent indicator tube segment output.
51	S6	0	Fluorescent indicator tube segment output.
52	S7	0	Fluorescent indicator tube segment output.
53	S8	0	Fluorescent indicator tube segment output.
54	S9	0	Fluorescent indicator tube segment output.
55	S10	0	Fluorescent indicator tube segment output.
56	S11	0	Fluorescent indicator tube segment output.
57	S12	0	Fluorescent indicator tube segment output.
58	S13	0	Fluorescent indicator tube segment output.
59	S14	0	Fluorescent indicator tube segment output.
60	S15	0	Fluorescent indicator tube segment output.
61	S16	0	Fluorescent indicator tube segment output.
62	S17	0	Fluorescent indicator tube segment output.
63	. NC	_	Not used.
64	NC	_	Not used.
65	NC	-	Not used.
66	G5	0	Fluorescent indicator tube grid output.
67	G4	0	Fluorescent indicator tube grid output.
68	G3	0	Fluorescent indicator tube grid output.
69	G2	0	Fluorescent indicator tube grid output.
70	G1	0	Fluorescent indicator tube grid output.
71	V-DISP		Fluorescent indicator tube power supply. (- 20V)
72	V_{DD}	_	Power supply. (+5V)
73	NC	_	Not used.
74	NC	-	Not used.
75	$V_{ extsf{DD}}$	_	Power supply. (+5V)
76 .	POWER IN	I	0V= Power OFF
77	POWER OUT	0	Power ON/OFF. ON=0V
78	V _{DD}	_	Power supply. (+5V)
79	TEST MODE	I	Test mode selector. OV= Test mode
80	VERSION 1	I	Version slector.

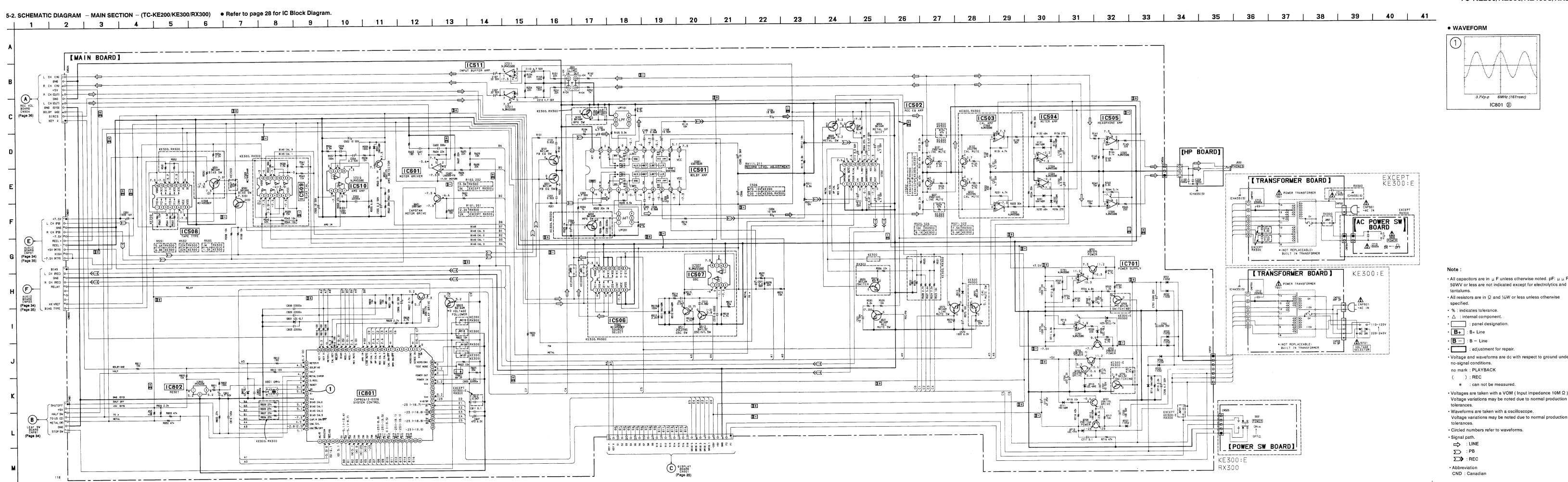
-9-

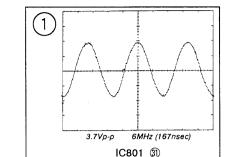
(Conductor Side) the pattern face are indicated. Parts face side: Parts on the parts face side seen from the (Component side) parts face are indicated.

Abbreviation

CND : Canadian

220 - 240 V





- 50WV or less are not indicated except for electrolytics and • All resistors are in Ω and ¼W or less unless otherwise

- : adjustment for repair.
- · Voltage and waveforms are dc with respect to ground under

- * : can not be measured
- Voltage variations may be noted due to normal production
- Voltage variations may be noted due to normal production
- · Circled numbers refer to waveform

3.7Vp-p 6MHz (167nsec)

IC801 ③

WAVEFORM

· % : indicates tolerance.

• **B+** : B+ Line

• **B** - : B - Line

no mark : PLAYBACK (): REC

• Signal path.

⇒ : LINE

 △ : internal component. • _____ : panel designation.

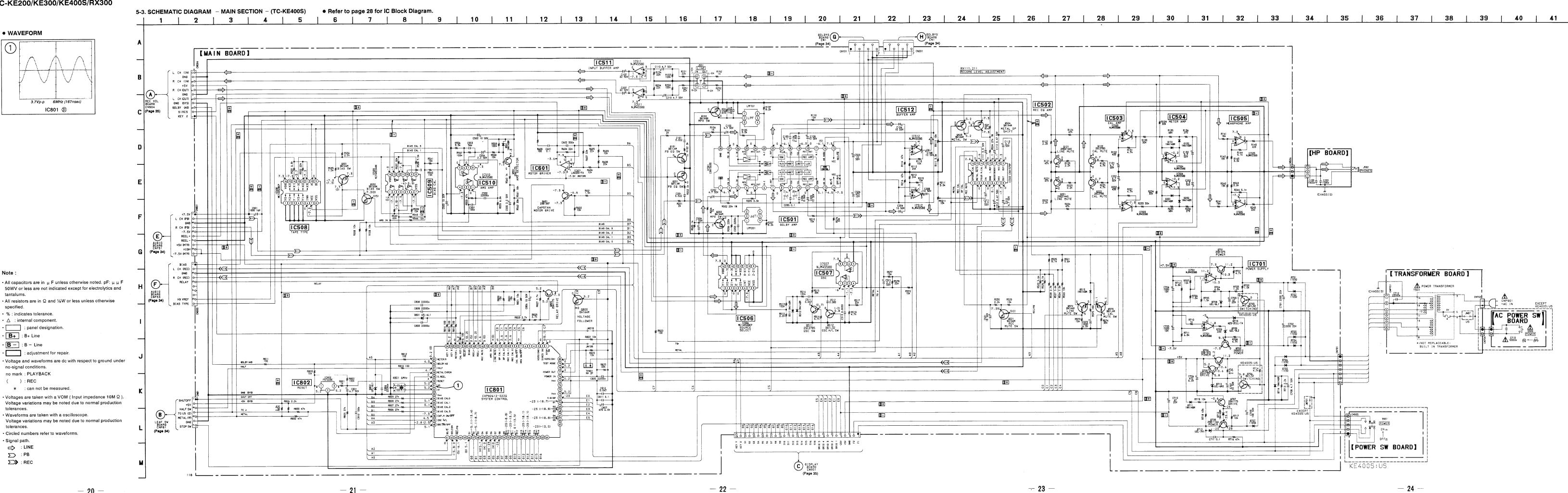
• adjustment for repair.

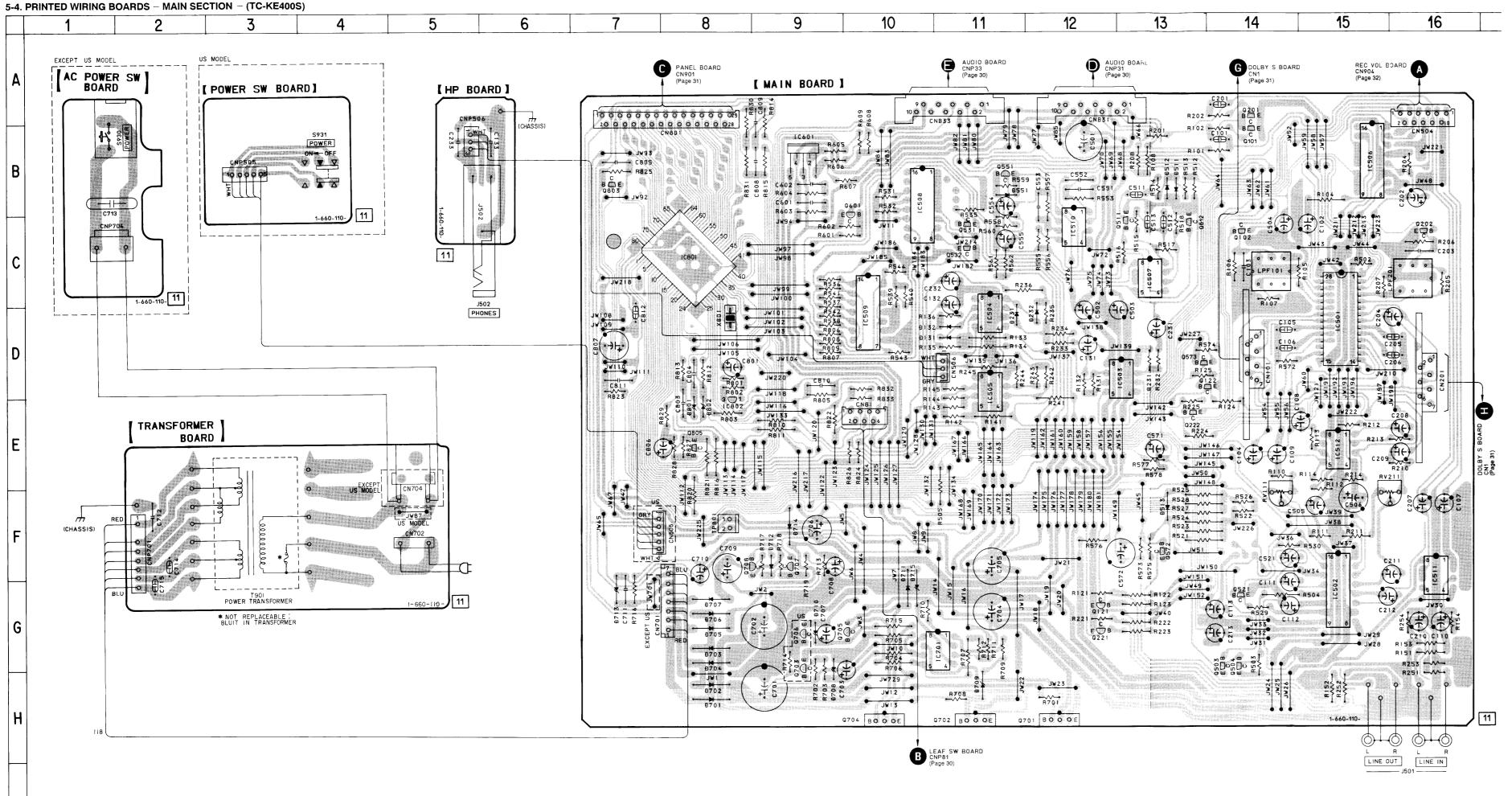
* : can not be measured.

· Circled numbers refer to waveforms.

· Waveforms are taken with a oscilloscope.

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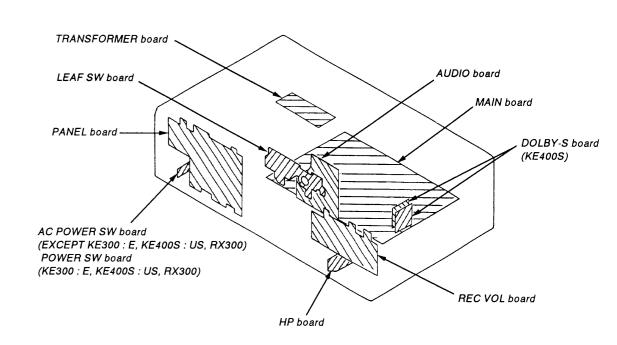


— 26 —

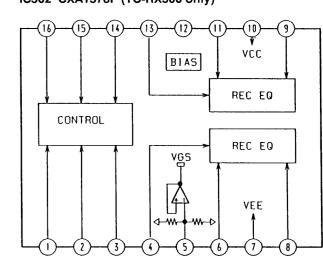
• SEMICONDUCTOR LOCATION

	Ref. No.	Location	Ref. No.	Location
	D131	D-11	IC512	E - 15
- 1	D132	D-11	IC601	B-9
- 1	D231	D-11	IC701	G - 11
	D232	D-12	IC801	C-8
	D511	B - 13	IC802	E-8
	D512	B - 13		
-	D513	F-13	Q101	B - 14
- 1	D551	B - 11	Q102	C - 14
	D701	H-8	Q121	G - 12
- 1	D702	H-8	Q122	D - 13
- 1			Q201	A - 14
	D703	G-8		
- 1	D704	G-8	Q202	C - 16
- 1	D705	G-8	Q221	G - 12
- 1	D706	G-8	Q222	E - 13
	D707	G-8	Q503	G - 14
	2707		Q504	G - 14
	D708	H-9	4304	u 14
- 1	D700	H-11	Q505	
- 1	D709 D710	G-9	Q511	C - 13
- 1	D710 D711	G - 10	Q511 Q512	
- 1	D711	F-9	1	C - 13
- 1	D/12	F-9	Q521	G - 14
- 1	D740		Q531	C - 11
ı	D713	G-7	0500	0 11
	D714	F-9	Q532	C-11
	D715	G - 10	Q551	B - 11
	D801	E-8	Q572	F-13
ı	D802	E-8	Q573	D - 13
			Q601	B – 10
	IC501	D - 15	Q701	H - 12
- 1	IC502	G - 15	Q702	H - 11
	IC503	D-13	Q703	G-9
- 1	IC504	D-11	Q704	H - 10
	IC505	D-11	Q705	G - 10
	IC506	B - 15	Q706	G-9
- 1	IC507	C-13	Q707	F-9
- 1	IC508	B - 10	Q708	F-8
- 1	IC509	D-10	Q803	B-7
ı	IC510	C-12	Q805	E-8
				-
L	IC511	F-16	L	

5-5. CIRCUIT BOARDS LOCATION



• IC BLOCK DIAGRAM IC502 CXA1579P (EXCEPT TC-RX300) IC502 CXA1578P (TC-RX300 only)



- O—: parts extracted from the component side.
- △ : internal component.
- Pattern from the side which enables seeing. (The other layers' patterns are not indicated)

Pattern face side: Parts on the pattern face side seen from (Conductor Side) the pattern face are indicated. Parts face side: Parts on the parts face side seen from the (Component side) parts face are indicated.

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5-6. PRINTED WIRING BOARDS - AUDIO SECTION 22 13 20 21 KE400S [AUDIO BOARD] (SIDE A) [AUDIO BOARD] (SIDE B) • SEMICONDUCTOR KE400S,KE300,RX300 LOCATION [REC VOLBOARD] [PANEL BOARD] Ref. No. Location 1000000000000000000 200000000000000 IC1 l – 2 10000001 IC81 20 0 0 0 010 RESET (LEAF SW BOARD) 925 -- - - - R92 Q51 Q52 G - 2 Q53 H - 2 Q71 H - 3 AUTO CAL • SEMICONDUCTOR LOCATION DOLBY NR Ref. No. Location L_____ C - 1 **⊕**~-€**•** S905 O REC MUTE S901 II PAUSE IC1 G - 16 (KE400S) IC31 C - 2 KE300,RX300,KE200 IC81 B - 3 [REC VOL BOARD] (AUDIO BOARD) IC81 (LEAF SW BOARD) IC901 B - 23 (KE400S) KE400S IC901 G - 23 [DOLBY S BOARD] (KE200/KE300/RX300) 7000001 EXCEPT RX300 [AUDIO BOARD] Q51 ______KE200 _ B - 2 1,9 (H(+)) Q52 B-2 Q53 B - 1 Q71 C - 3 2 c2*€ E E E CHED [LEAF SWITCH BOARD] AUTO CAL 1-660-110-L_____ (Page 27) (Page 27) MAIN BOARD CN101 , 201 • O- : parts extracted from the component side.

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Caution:

• (CONTROL : Pattern from the side which enables seeing.

(Component side) parts face are indicated.

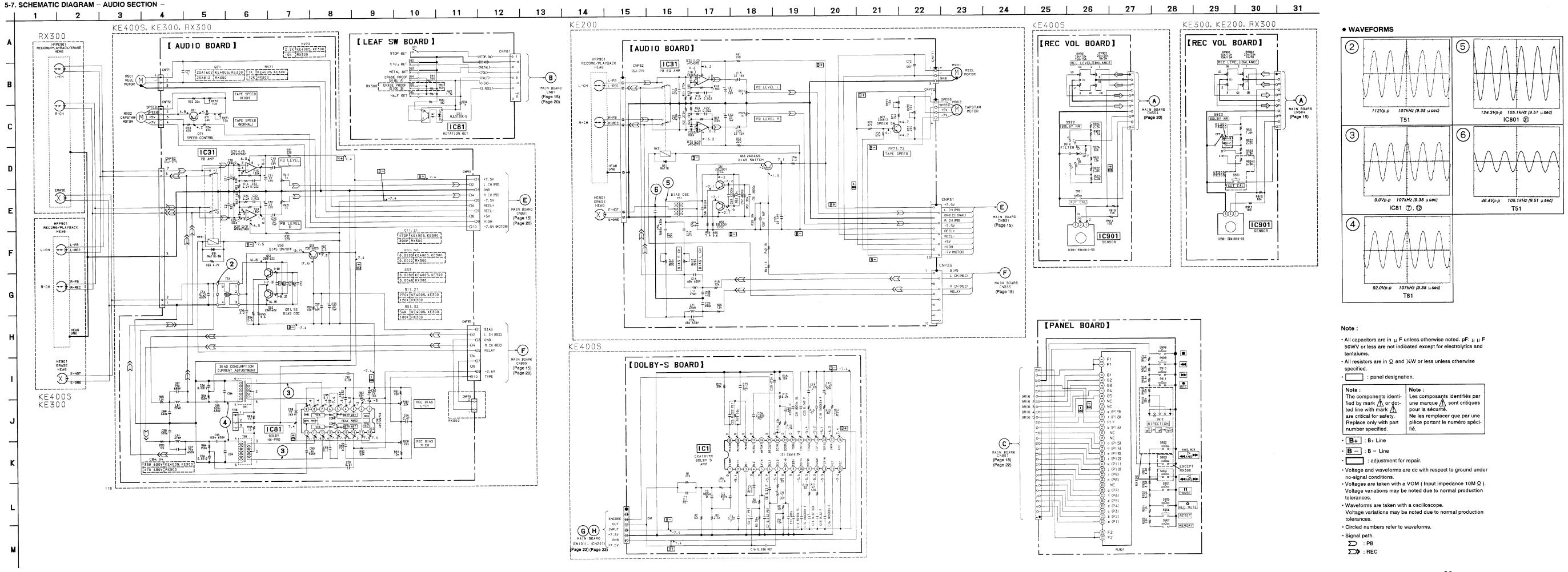
(The other layers' patterns are not indicated)

Pattern face side: Parts on the pattern face side seen from (Conductor Side) the pattern face are indicated.

Parts face side : Parts on the parts face side seen from the

MAIN BOARD CN81 (Page 13) (Page 26)

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NOTE:

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items
- Color indication of Appearance Parts Example :

KNOB, BALANCE (WHITE) ••• (RED)

Parts color Cabinet's color

SECTION 6 EXPLODED VIEWS

- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

Abbreviation

CND : Canadian SP : Singapore AUS : Australian MY : Malaysia

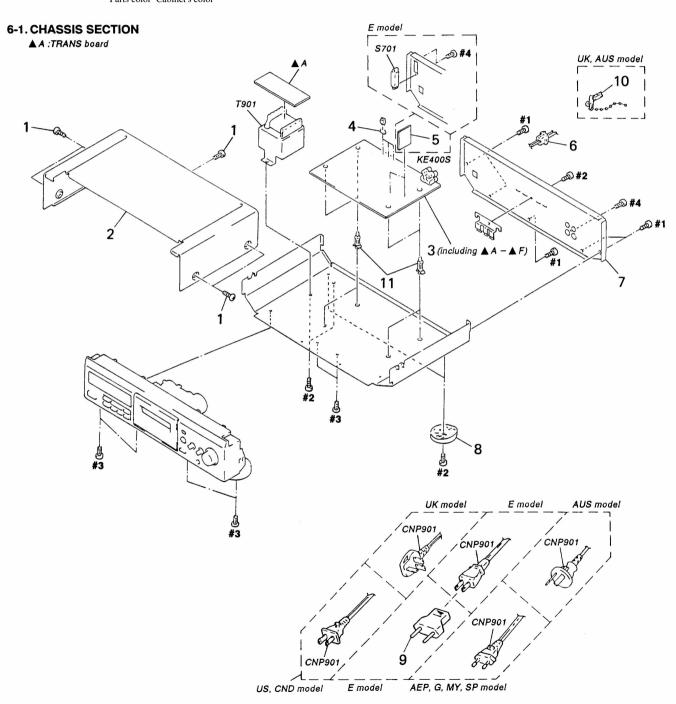
G : German

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité

Ne les remplacer que par une pièce portant le numéro spécifié.



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	3-704-366-01	SCREW (CASE) (M3X8)(BLACK)		* 7	3-933-307-01	PANEL, BACK (KE200:AEP,G)	
1	3-704-366-71	() ()	KE400S)	* 7	3-933-307-11		
* 2	3-931-432-01	. , , , , , , , , , , , , , , , , , , ,	,	8	X-4947-207-1	FOOT ASSY (F50150S) (EXCEP	T US,CND)
* 2	3-931-432-21	, , , ,		8	X-4947-208-1	FOOT ASSY (F50150S) (US,CN	D)
* 3	A-2007-523-A	MAIN BOARD, COMPLETE (KE200)		 ∆ 9	1-569-007-11	ADAPTER, CONVERSION 2P (E)
* 3	A-2007-524-A	MAIN BOARD, COMPLETE (KE400S:E	EXCEPT US)	10	4-956-370-12	BAND, PLUG FIXED (UK,AUS)	
* 3	A-2007-525-A	MAIN BOARD, COMPLETE (KE400S:U	JS)	* 11	3-346-265-31	HOLDER, PC BOARD	
* 3	A-2007-526-A	MAIN BOARD, COMPLETE (KE300:EX	(CEPT E)	△ CNP901	1-558-945-21		(US,CND)
* 3	A-2007-527-A	MAIN BOARD, COMPLETE (KE300:E)			1-575-651-21	CORD, POWER (AEP,G,MY,SP)	
* 3	A-2007-591-A	MAIN BOARD, COMPLETE (RX300)		△ CNP901	1-696-027-11	CORD, POWER (E)	
* 4	3-923-762-11	` '		△ CNP901	1-696-586-11	CORD, POWER (UK)	
* 5	A-2007-481-A	DOLBY-S BOARD, COMPLETE (KE400	OS)		1-696-845-11	CORD, POWER (AUS)	
* 6	3-703-244-00	BUSHING (2104), CORD (EXCEPT US	S,E,CND)	The second secon	1-751-523-11	CORD, POWER (UK)	
6	3-703-571-11	BUSHING (S) (4516), CORD (US,E,C)	VD)	△S701	1-570-046-21	SWITCH, VOLTAGE CHANGE (E)
* 7	3-933-281-01	PANEL, BACK (KE400S:US)		 ∆ T901	1-426-651-11		
_),KE300:EXCEPT E)
* 7	3-933-281-12			1 ∆ T901	1-426-652-11	TRANSFORMER, POWER (KE3	
* 7	3-933-281-21	PANEL, BACK (KE400S:UK)		△ T901	1-427-743-11	,	
* 7	3-933-281-31	PANEL, BACK (KE400S:AUS)		1 ∆ T901	1-427-751-11		,
* 7 * 7	3-933-281-41 3-933-281-51	PANEL, BACK (KE300:AEP,G,MY,SP) PANEL, BACK (KE300:AUS)		T901	1-427-752-11	TRANSFORMER, POWER (KE4	005:05)
* 7	3-933-281-61	PANEL, BACK (KE300:E)					
* 7	3-933-281-81	PANEL, BACK (RX300)					
•							

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6-2. FRONT PANEL SECTION

▲ B : PANEL board

▲ C: POWER SW board (US, CND, E)

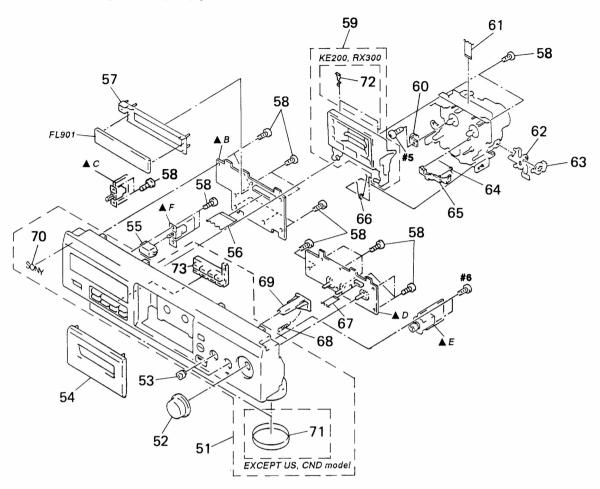
▲ D : REC VOL board

▲ E : HP board

60

3-354-963-01 DAMPER

▲ F : AC POWER SW board (EXCEPT US, CND, E)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	X-3371-687-1	PANEL ASSY, FRONT(SILVER) (KE4	.00S)	61	1-765-318-11	WIRE (FLAT TYPE) (7 CORE)	
51		PANEL ASSY, FRONT(BLACK)	,	* 62	3-354-954-01	LEVER (LOCK LEVER R)	
		(KE400S: EX	(CEPT US)	63	3-354-957-01	JOINT (LOCK LEVER)	
51	X-3371-688-2	PANEL ASSY, FRONT(BLACK) (KE30	00)	64	3-354-962-01	SPRING (EJ SAFTY SPRING R)	
51	X-3371-690-2	PANEL ASSY, FRONT(BLACK) (KE20	00)	65	3-354-956-01	LEVER (EJ SAFTY LEVER R)	
51	X-3371-694-2	PANEL ASSY, FRONT(BLACK) (KE40	00S: US)			•	
				66	3-354-960-01	SPRING (LOADING R), TORSION	
51	X-3371-696-2	PANEL ASSY, FRONT(BLACK) (RX3	00)	67	1-769-947-11	WIRE (FLAT TYPE) (11 CORE)	
52	3-939-300-11	KNOB (REC)(BLACK)		68	3-937-169-01	SPRING, TENSION	
52	3-939-300-21	KNOB (REC)(SILVER) (KE400S)		69	3-933-295-01	BUTTON (EJECT)	
53	3-933-299-01	KNOB (DIA. 12)(BLACK)		70	4-963-404-21	EMBLEM (5-A), SONY	
53	3-933-299-11	KNOB (DIA. 12)(SILVER) (KE400S)					
				71	4-977-593-11	RING (DIA 50), ORNAMENTAL (EXC	EPT US,CND)
54	X-3371-686-1	LID ASSY, CASSETTE(SILVER) (KE	400S)	72	3-308-823-11	DETENT, CASSETTE (KE200,RX300)	
				73	3-933-293-01	BUTTON (FWD) (EXCEPT RX300)	
54	X-3371-691-2	LID ASSY, CASSETTE(BLACK)		73	3-933-294-01	BUTTON (REV) (RX300)	
		(KE4	00S,KE300)	FL901	1-517-173-11	INDICATOR TUBE, FLUORESCENT	
54	X-3371-692-2	LID ASSY, CASSETTE(BLACK) (RX3	300)			(KE200,I	KE300,RX300)
54	X-3371-693-2	LID ASSY, CASSETTE(BLACK) (KE2	(00)				
55	3-931-429-01	BUTTON (POWER)		FL901	1-517-374-11	INDICATOR TUBE, FLUORESCENT (I	(E400S)
56	1-773-287-11	WIRE (FLAT TYPE) (29 CORE)					
* 57	3-377-337-11	HOLDER (FL)					
58	4-951-620-01	SCREW (2.6X8), +BVTP					
59	A-4325-164-A	HOLDER (R) ASSY, CASSETTE (KE200),RX300)				
			(5 4000)				
59	X-3368-119-1	HOLDER (R) ASSY, CASSETTE (KE300	J,KE400S)				

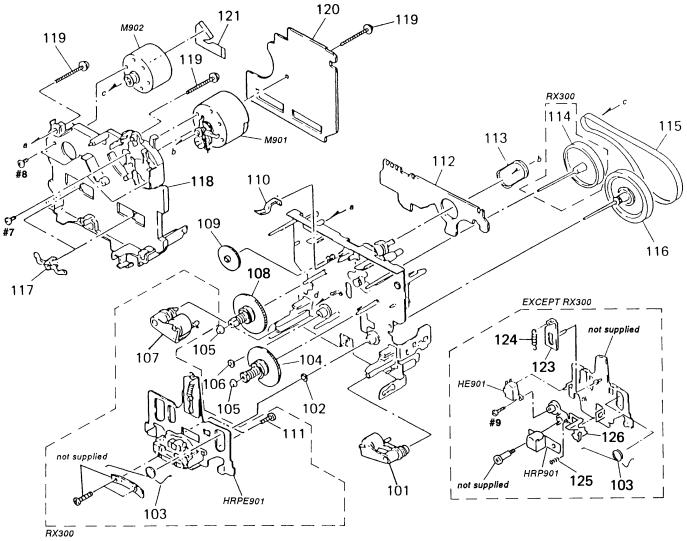
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6-3. MECHANISM SECTION 1

TC-KE200 : TCM-190VB22CS

TC-KE300/KE400S: TCM-190VB12CS

TC-RX300: TCM-190RB12C

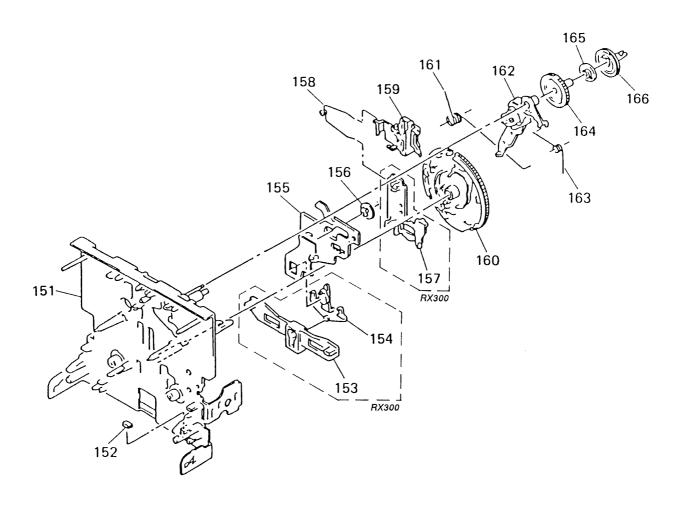


Ref. No.	Part No.	Description	Remark	Re	ef. No.	Part No.	Description	Remark
101	X-3366-047-1	LEVER (PINCH F) ASSY			118	3-359-436-11	BASE (THRUST RETAINER),	FITTING
102	3-356-713-01	WASHER			119	3-359-414-01	,	
103	3-907-362-01	SPRING, TORSION		*	120	A-2006-890-A	AUDIO BOARD, COMPLETE	(KE400S,KE300)
104	X-3366-970-1	TABLE ASSY, REEL		*	120	A-2007-040-A	AUDIO BOARD, COMPLETE	(RX300)
105	3-362-308-01	CAP (REEL)		*	120	A-2007-171-A	AUDIO BOARD, COMPLETE	(KE200)
106	3-356-714-01	WASHER (RX300)			121	1-638-983-11	MOTOR FLEXIBLE BOARD	
107	X-3366-048-1	LEVER (PINCH R) ASSY (RX300)		*	123	X-3368-865-1	SLIDER (LIMITER) ASSY (EX	XCEPT RX300)
108	X-3366-971-1	TABLE ASSY (B), REEL			124	3-363-868-01	SPRING (HEAD CHASSIS), 1	TENSION
109	3-359-424-01	GEAR (REV GEAR)						(EXCEPT RX300)
110	3-359-430-01	SPRING(CASSETTE RETAINER), LEAF			125	3-343-484-01	SPRING, COMPRESSION (E	XCEPT RX300)
		· · · · · · · · · · · · · · · · · · ·		*	126	3-359-445-11	HOLDER (1 WAY HEAD)(EXC	CEPT RX300)
111	3-388-848-01	SCREW (P2X6) (B TIGHT)(RX300)						
* 112	1-638-020-11	LEAF SW BOARD			HE901	1-543-673-11	HEAD, MAGNETIC (ERASE)(EXCEPT RX300)
113	3-359-466-01	BELT (FR), SQUARE			HRP901	1-543-919-11	HEAD, MAGNETIC (RECORD/	PLAYBACK)
114	X-3367-630-1	FLYWHEEL (REV) ASSY (RX300)		1				(EXCEPT RX300)
115	3-359-417-01	BELT (FLAT), CAPSTAN (RX300)			HRPE90	1A-2004-527-A	DECK ASSY, HEAD (RECORD	•
		, , ,						(RX300)
115	3-359-467-01	BELT (1 WAY FLAT BELT) (EXCEPT RX	(300)		M901	X-3363-501-1	MOTOR ASSY, REEL (REEL)	
116	X-3367-629-1	FLYWHEEL (1WD) ASSY	-		M902	X-3365-377-2	MOTOR ASSY, CAPSTAN (CA	APSTAN)
117	3-575-321-00	RETAINER, THRUST, CAPSTAN						

6-4. MECHANISM SECTION 2

TC-KE200 : TCM-190VB22CS TC-KE300/KE400S : TCM-190VB12CS

TC-RX300: TCM-190RB12C



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
151	X-3359-415-1	CHASSIS ASSY, MECHANICAL		160	3-359-420-01	GEAR (CAM GEAR)(KE200)	
152	3-359-469-01	SPACER		160	3-936-483-01	GEAR (CAM GEAR)(EXCEPT KE200)	
153	3-359-425-01	SLIDER (REVERSE SLIDER)(RX300)		161	3-359-456-01	SPRING(TRIGGER SPRING), TORSION	
154	3-359-426-01	LEVER (REVERSE LEVER)(RX300)		162	X-3366-569-1	ARM ASSY, FR	
* 155	3-359-415-01	SLIDER (TRIGGER SLIDER)		163	3-924,187-11	S+RING (FR ARM), TORSION	
156	3-359-448-01	GEAR (TRIGGER)		164	3-359-419-11	GEAR (FR GEAR)	
157	3-359-427-01	SLIDER (LEVERSE SLIDER)(RX300)		165	3-359-421-01	CLUTCH (REEL DISK)	
158		SPRING, TORSION		166	3-359-418-01	PULLEY (FR PULLEY)	
159	3-359-429-01	SLIDER (BRAKE PLATE)					

AUDIO

SECTION 7 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor METAL OXIDE : Metal oxide-film resistor F: nonflammable

• Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items

• SEMICONDUCTORS

In each case, $\boldsymbol{u}:\boldsymbol{\mu}$, for example : $uA....:\mu\ A....$, $uPA....:\mu\ PA....$ $uPB....: \mu \ PB...., uPC....: \mu \ PC....$

- $uPD....: \mu \; PD....$ • CAPACITORS
- $uF: \mu F$
- COILS uH:μH

Abbreviation
 CND : Canadian
 AUS : Australian
 G : German

Singapore Malaysia ΜY

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number

Les composants identifiés par une marque A sont critiques pour la sécurité.

specified.

Ne les remplacer que par une pièce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

items.											
Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
*		AUDIO BOARD, CO			100S)	C51	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V (RX300)
*		AUDIO BOARD, CO	OMPLETE (K	,		C52	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V 00.KE400S)
		****	*****			C52	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V
		< CAPACITOR >				C52	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	(KE200) 100V
C11	1-163-133-00	CERAMIC CHIP	470PF (KE)	5% 200 KE30	50V 0,KE400S)						(RX300)
C11	1-163-131-00	CERAMIC CHIP	390PF	5%	50V	C53	1-163-020-00	CERAMIC CHIP	0.0082uF	10%	50V
0					(RX300)					(KE30	00,KE400S)
C12	1-136-157-00	FILM	0.022uF	5%	50V ´	C53	1-163-022-00	CERAMIC CHIP	0.012uF	10%	50V
C13	1-124-234-00	ELECT	22uF	20%	16V						(KE200)
C14	1-136-272-00	FILM	68PF	5%	630V (KE200)	C53	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V (RX300)
					,	C54	1-136-601-11	FILM	0.01uF	5%	630V
C15	1-102-113-00	CERAMIC	390PF	10%	50V					(EXCE	PT KE200)
					(KE200)	C54	1-136-560-11	FILM	0.0056uF	5%	630V
C17	1-163-237-11	CERAMIC CHIP	27PF	5%	50V (KE200)						(KE200)
C18	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	C56	1-164-505-11	CERAMIC CHIP	2.2uF		16V
C21	1-163-133-00	CERAMIC CHIP	470PF	5%	50V	C57	1-164-346-11	CERAMIC CHIP	1uF		16V
			(KE	200,KE30	0,KE400S)	C58	1-163-024-00	CERAMIC CHIP	0.018uF	10%	50V
C21	1-163-131-00	CERAMIC CHIP	390PF	5%	50V						(KE200)
					(RX300)	C71	1-164-346-11	CERAMIC CHIP	1uF		16V
										•	PT KE200)
C22	1-136-157-00	FILM	0.022uF	5%	50V	C72	1-109-889-11	ELECT	1uF	20%	50V
C23	1-124-234-00	ELECT	22uF	20%	16V						(KE200)
C24	1-136-272-00	FILM	68PF	5%	630V						
					(KE200)	C80	1-124-234-00	ELECT	22uF	20%	16V
C25	1-102-113-00	CERAMIC	390PF	10%	50V					(EXC	EPT KE200)
					(KE200)	C81	1-164-232-11	CERAMIC CHIP	0.01uF	(5)(0)	50V
C27	1-163-237-11	CERAMIC CHIP	27PF	5%	50V			====		`	PT KE200)
					(KE200)	C82	1-136-157-00	FILM	0.022uF	5%	50V
		0504440 0440	10005	E0/	5017	000	4 404 004 44	OCDANAIO OUUD	0.45	,	EPT KE200)
C28	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	C83	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C31	1-124-234-00		22uF	20%	16V	004	1 100 100 11	TH SA	22005	`	EPT KE200)
C32	1-124-234-00		22uF	20%	16V	C84	1-136-439-11	FILM	330PF	5%	630V
C33	1-124-234-00	ELECT	22uF	20%	16V					(KE3(00,KE400S)
C51	1-164-182-11	CERAMIC CHIP	0.0033uF	10%	50V	004	1 100 470 44	EII NA	470DC	5%	630V
				(KE30	0,KE400S)	C84	1-136-478-11	rillVI	470PF	3 %	(RX300)
054	1 100 010 00	OFDANAIC CUID	0.00005	100/	EOV.	005	1 106 100 11	CH M	100PF	5%	(HX300) 630V
C51	1-163-019-00	CERAMIC CHIP	0.0068uF	10%	50V (KE200)	C85	1-136-433-11	F1LIVI	IUUPF		EPT KE200)
					(NEZUU)					(LAU	-1 1 NL200)

AUDIO

F	Ref. No.	Part No.	Description		R	temark	Ref. No.	Part No.	Description			Remark
_	C86	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V	JW4	1-216-295-00		0	5%	1/10W
	C87	1-136-273-91	FILM	75PF	•	PT KE200) 630V	JW6	1-216-295-00	METAL CHIP	0	5%	(KE200) 1/10W
					(EXCEP	T KE200)	3.1.5	1 210 200 00	WEINE OIM	Ü	070	(KE200)
	C88	1-163-003-11	CERAMIC CHIP	330PF	10% (EXCEP	50V T KE200)	JW7	1-216-295-00	METAL CHIP	0	5%	1/10W
	C89	1-124-234-00	FLECT	22uF		16V	JW52	1-216-296-00	METAL CUID	0	5%	(KE200)
					(EXCEP	T KE200)					3%	1/8W (KE200)
	C90	1-107-584-11	CERAMIC	4PF	0.25PF (EXCEP	500V T KE200)	JW53	1-216-296-00	METAL CHIP	0	5%	1/8W (KE200)
	C91	1-164-232-11	CERAMIC CHIP	0.01uF		50V ´	JW54	1-216-296-00	METAL CHIP	0	5%	1/8W
	C92	1-136-157-00	FILM	0.022uF	5%	T KE200) 50V	JW55	1-216-296-00	METAL CHIP	0	5%	(KE200) 1/8 W
	C93	1-164-004-11	CERAMIC CHIP	0.1uF	•	T KE200) 25V						(KE200)
						T KE200)	JW56	1-216-296-00	METAL CHIP	0	5%	1/8W
	C94	1-136-439-11	FILM	330PF	5%	630V	JW57	1-216-296-00	METAL CHIP	0	5%	(KE200) 1/8W
	C94	1-136-478-11	FILM	470PF		,KE400S) 630V	JW58	1-216-296-00	METAL CHIP	0	5%	(KE200) 1/8W
						(RX300)						(KE200)
	C95	1-136-433-11	FILM	100PF		630V T KE200)	JW59	1-216-296-00	METAL CHIP	0	5%	1/8W (KE200)
	C96	1-163-143-00	CERAMIC CHIP	0.0012uF	5%	50V T KE200)	JW60	1-216-296-00	METAL CHIP	0	5%	1/8W
	C97	1-136-273-91	FILM	75PF	5%	630V ´						(KE200)
					(EXCEP	T KE200)	JW61	1-216-296-00	METAL CHIP	0	5%	1/8W (KE200)
	C98	1-163-003-11	CERAMIC CHIP	330PF		50V	J W 62	1-216-296-00	METAL CHIP	0	5%	1/8W
	C99	1-164-005-11	CERAMIC CHIP	0.47uF		T KE200) 25V	JW63	1-216-296-00	METAL CHIP	0	5%	(KE200) 1/8 W
					(EXCEP	T KE200)						(KE200)
			< CONNECTOR >						< COIL >			
	CNP31	1-580-782-11	CONNECTOR, BOA	RD TO BOAF	RD		L11	1-410-780-11	INDUCTOR	27mH (KE	200)	
	CNP32 CNP33	1-580-781-11 1-580-782-11	PIN, CONNECTOR CONNECTOR, BOA				L21	1-410-780-11		27mH (KE		.000/
	CNP71	1-564-719-11	PIN, CONNECTOR				L81 L91	1-410-780-11 1-410-780-11	INDUCTOR	27mH (EX 27mH (EX		,
	CNP72	1-764-902-11	CONNECTOR, FFC/		,					,		,
*	CNP75	1-564-718-11	PIN, CONNECTOR	(SMALL TYP	PE) 2P (RX	300)			< TRANSISTO	1>		
			< DIODE >				Q51 Q51			2SD1622-ST-T		PT KE200)
			CDIODE				Q52			2SC2001-LK (I 2SD1622-ST-T		PT KE200)
	D31	8-719-404-46	DIODE MA110				Q52	8-729-142-46	TRANSISTOR	2SC2001-LK ((E200)	,
			< IC >				Q53	8-729-822-05	TRANSISTOR	2SD1622-ST-T	D (EXCE	:P1 KE200)
							Q53			2SD1616A-K (
	IC31 IC81		IC uPC4570-G2 IC uPC1297CA (E	YCEPT KE20	10)		Q71 Q71	8-729-602-36		2SA1602-F (KE 2SA1162-G (KI		
		0.00.000	·		.5)		Q, i	0 723 210 22		·	L200,11X	.500)
			< JUMPER RESIST	UR >					< RESISTOR >			
	JW1	1-216-296-00	METAL CHIP	0		1/8W (KE200)	R11	1-216-107-00	METAL CHIP	270K	5% (EVC)	1/10W
	JW2	1-216-295-00	METAL CHIP	0	5%	1/10W	R11	1-216-099-00	METAL CHIP	120K	(EXUI	EPT RX300) 1/10W
	JW3	1-216-295-00	METAL CHIP	0		(KE200) 1/10W	R12	1-216-025-91	METAL CLAZE	100	5%	(RX300) 1/10W
		. 210 200 00	THE THE OTHER	U		(KE200)	R13	1-216-100-00	METAL GLAZE		5% 5%	1/10W
							R14	1-216-068-00	METAL CHIP	6.2K	5%	1/1 0W

AUDIO

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description		Remark	
R15	1-249-430-11	CARBON	12K	5%	1/4W (KE200)	R85	1-216-075-00	METAL CHIP	12K	5% 1/10W	١.
R21	1-216-107-00	METAL CHIP	270K	5% (EXCE	1/10W PT RX300)	R91	1-216-073-00	METAL CHIP	10K	(EXCEPT KE200) 5% 1/10W (EXCEPT KE200)	•
R21	1-216-099-00	METAL CHIP	120K	5%	1/10W (RX300)	R92	1-216-085-00	METAL CHIP	33K	5% 1/10W	,
R22	1-216-025-91	METAL GLAZE	100	5%	1/10W		1 010 001 00	MATTAL OLUD		(EXCEPT KE200))
R23	1-216-100-00	METAL GLAZE	130K	5%	1/10W	R93	1-216-001-00	METAL CHIP	10	5% 1/10W (EXCEPT KE200))
R24 R25	1-216-068-00 1-249-430-11	METAL CHIP CARBON	6.2K 12K	5% 5%	1/10W 1/4W	R94	1-216-101-00	METAL CHIP	150K	5% 1/10W (EXCEPT KE200)	١
					(KE200)	R95	1-216-075-00	METAL CHIP	12K	5% 1/10W	
R31	1-216-033-00	METAL CHIP	220	5%	1/10W					(EXCEPT KE200))
R32	1-216-033-00	METAL CHIP	220	5%	1/10W						
R33	1-216-065-00	METAL CHIP	4.7K	5%	1/10W			< VARIABLE RESIS	STOR >		
				(EXCE	PT KE200)						
					,	RV11	1-241-761-11	RES, ADJ, CARBO	N 1K (PB LE	VEL L)	
R41	1-249-393-11	CARBON	10	5%	1/4W	RV12	1-238-551-11	RES, ADJ, CARBO		,	
	, 210 000 11	071112011	10	0 / 0	(KE200)	RV21	1-241-761-11	RES, ADJ, CARBO			
R42	1-249-393-11	CARBON	10	5%	1/4W	11721	1-241-701-11	TIES, ADS, CARDO	N IN (I D LL		
1142	1-243-333-11	CANDON	10	J /6		DVOO	1 000 EE1 11	DEC ADI CADBO	U OOOK (DIA	(KE200,RX300)	1
DE4	1 010 001 00	METAL OLUD	FOL	F0/	(KE200)	RV22	1-238-551-11	RES, ADJ, CARBOI			
R51	1-216-091-00	METAL CHIP	56K	5%	1/10W	RV71	1-241-630-11	RES, ADJ, CARBO	N 10K (TAPE	,	
					0,KE400S)					(KE200,RX300)	ļ
R51	1-216-085-00	METAL CHIP	33K	5%	1/10W						
					(KE200)	RV71	1-241-761-11	RES, ADJ, CARBOI	N 1K (TAPE S	SPEED L)	
R51	1-216-097-91	METAL GLAZE	100K	5%	1/10W					(KE300, KE400S))
					(RX300)	RV72	1-241-630-11	RES, ADJ, CARBO	N 10K (TAPE	SPEED H)	
					(,,		(KE200,RX300)	i .
R52	1-216-091-00	METAL CHIP	56K	5%	1/10W	RV72	1-241-762-11	RES, ADJ, CARBON	1 2 2K (TAPI	,	
HOL	1 210 001 00	WEINE OIM	OOK		0,KE400S)	11172	1 241 702 11	TIEO, ADO, CARDO	* 2.2K (IAI I	(KE300,KE400S)	
R52	1-216-085-00	METAL CHIP	33K	5%	1/10W	RV81	1 0/1 706 11	RES, ADJ, CARBON	LOOK (DEC	,	
NJZ	1-210-003-00	WE TAL OTHE	SSK	3 /0		nvoi	1-241-700-11	nes, ADJ, CANDUI	1 22K (NEC	,	
DEO	1 016 007 01	METAL CLAZE	1001/	C 0/	(KE200)	D) (O1	1 041 700 11	DEC ADI CADDO	LOOK (DEC.	(EXCEPT KE200)	
R52	1-210-097-91	METAL GLAZE	100K	5%	1/10W	RV91	1-241-786-11	RES, ADJ, CARBON	V ZZK (REC		
DEO	4 040 070 00	METAL OLUB	4014	5 0/	(RX300)					(EXCEPT KE200)	!
R53	1-216-073-00	METAL CHIP	10K	5%	1/10W						
R54	1-216-309-00	METAL CHIP	5.6	5%	1/10W			< RELAY >			
5											
R55	1-216-309-00	METAL CHIP	5.6	5%	1/10W	RY31	1-515-913-11	RELAY			
R56	1-216-298-00	METAL CHIP	2.2	5%	1/10W						
					(KE200)			< TRANSFORMER:	>		
R57	1-216-298-00	METAL CHIP	2.2	5%	1/10W						
				(EXCE	PT KE200)	T51	1-433-383-11	TRANSFORMER, B	IAS OSCILL	ATION	
R71	1-216-025-91	METAL GLAZE	100	5%	1/10W					(KE300, KE400S)	,
				(KE30	0,KE400S)	T51	1-426-650-11	TRANSFORMER, B	IAS OSCILLA	ATION (KE200)	
R71	1-216-082-00	METAL GLAZE	24K	5%	1/10W	T51		COIL, BIAS OSCILL			
				(KE2	00,RX300)	T81		TRANSFORMER, B	•	,	
				(55,111,000,				., 10 000122	(KE300,KE400S)	
R72	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	T81	1_/33_381_11	TRANSFORMER, B	IAS OSCILL		
1172	1 210 000 00	WIETAE OTTO	1.010		0,KE400S)	101	1 400 001 11	THAIROI OTHER, D	IAO OOOILLI	41011 (11/1000)	
R72	1-216-081-00	METAL CHID	22K	5%	1/10W	T91	1 422 200 11	TRANSFORMER, B	INC OCCILI	ATOD	
11/2	1-210-001-00	WIETAL OTHE	ZZK			191	1-433-398-11	INANSFORMEN, D	IAS USCILLI		
D.70	1 010 000 01	METAL OLAZE	4717	,	00,RX300)	T04	4 400 004 44	TDANIOFORMED D		(KE300,KE400S)	1
R73	1-216-089-91	METAL GLAZE	47K	5%	1/10W	T91	1-433-381-11	TRANSFORMER, B	IAS OSCILLA	AIOR (RX300)	
R74	1-216-089-91	METAL GLAZE	47K	5%	1/10W						
R81	1-216-073-00	METAL CHIP	10K	5%	1/10W			< TEST PIN >			
				(EXCE	PT KE200)						
						* TP81	1-568-449-11	HOUSING, CONNEC	CTOR(PC BC	ARD)3P	
R82	1-216-085-00	METAL CHIP	33K	5%	1/10W					(EXCEPT KE200)	
				(EXCE	PT KE200)	******	******	*************	******	******	
R83	1-216-001-00	METAL CHIP	10	5%	1/10W						
					PT KE200)						
R84	1-216-101-00	METAL CHIP	150K	5%	1/10W						
					PT KE200)						
				,_,,,							

DOLBY-S (KE400S) LEAF SW

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
*	A-2007-481-A	DOLBY-S BOARD,	COMPLETE:	(KF400S)	R8	1-208-462-41	METAL GLAZE	10K	2%	1/10W
	A 2007 401 A	********		(112 1000	,	R9		METAL GLAZE	18K	2%	1/1 0W
						R10	1-216-615-11	METAL CHIP	33	0.5%	1/10W
		< CAPACITOR >									
		(0/11 /1011 011 /				R11	1-216-619-11	METAL CHIP	47	0.5%	1/10W
C1	1-136-165-00	FII M	0.1uF	5%	50V	R12	1-216-684-11		24K	0.5%	1/10W
C2		CERAMIC CHIP	0.0018uF	10%	50V	R13	1-216-615-11		33	0.5%	1/10W
C3		CERAMIC CHIP	0.0018uF	10%	50V	R14	1-216-619-11		47	0.5%	1/10W
C4		CERAMIC CHIP	0.0010u1 0.22uF	10 /0	25V	R15	1-216-655-11		1.5K	0.5%	1/10W
	1-136-165-00		0.22ui 0.1uF	5%	50V	1113	1 210 000 11	WEINE OIII	1.01	0.070	.,
C5	1-130-100-00	LICIVI	O. Tui	J /0	30 V	R16	1-216-678-11	METAL CHIP	13K	0.5%	1/10W
00	1 100 105 00	TH M	0.1uF	5%	50V	R17	1-216-673-11		8.2K	0.5%	1/10W
C6	1-136-165-00	FILM				R18		METAL GLAZE	10K	2%	1/10 W
C7	1-137-372-11		0.022uF	5%	50V			METAL GLAZE	10K	2%	1/10 W
C8		CERAMIC CHIP	0.22uF	000/	25V	R19	1-216-689-11		39K	0.5%	1/10 W
C9		ELECT	1uF	20%	50V	R20	1-210-689-11	METAL CHIP	291	0.5%	1/ 1 O VV
C10	1-137-442-11	FILM	0.039uF	5%	50V	ate at a standard at a standard at	to the size of the size of the size of	********		****	k sk sk sk sk sk
				400/	5017	********	****	******	****	te de de de de de de de de de	
C11		CERAMIC CHIP	680PF	10%	50V			1 F A F OW DO A DD			
C12		CERAMIC CHIP	0.0082uF	5%	50V	*	1-638-020-11	LEAF SW BOARD			
C13		CERAMIC CHIP	0.1uF		25V			********			
C14	1-124-465-00		0.47uF	20%	50V						
C15	1-164-222-11	CERAMIC CHIP	0.22uF		25V			< CONNECTOR >			
C16	1-163-038-91	CERAMIC CHIP	0.1uF		25V	* CNP81	1-568-850-11	SOCKET, CONNEC			
C17	1-124-465-00	ELECT	0.47uF	20%	50V	CNP81	1-695-368-31	PIN, CONNECTOR	(PC BOAR	D) 7P	
C18	1-163-038-91	CERAMIC CHIP	0.1uF		25V						
C19	1-164-222-11	CERAMIC CHIP	0.22uF		25V			< IC >			
C20	1-163-035-00	CERAMIC CHIP	0.047uF		50V						
						IC81	8-749-924-10	IC (PHONT REFL	ECTOR NJ	L5165K-B	(H1))
C21	1-164-717-11	CERAMIC CHIP	0.0082uF	5%	50V						
C22		CERAMIC CHIP	0.0022uF	10%	100V			< RESISTOR >			
C23		CERAMIC CHIP	470PF	10%	50V						
C24	1-137-442-11	FILM	0.039uF	5%	50V	R81	1-249-414-11	CARBON	560	5%	1/4W
C25	1-136-165-00		0.1uF	5%	50V	R82	1-247-818-11	CARBON	300	5%	1/4W
023	1 100 100 00	112141	0.141	370							(RX300)
C26	1-137-372-11	FII M	0.022uF	5%	50V	R83	1-247-834-11	CARBON	1.3K	5%	1/4W
C28		CERAMIC CHIP	0.1uF	• / •	25V	R84	1-249-417-11		1K	5%	1/4W
020	1 100 000 31	OLIMANIO OTIII	0.141		201	R85	1-249-408-11		180	5%	1/4W
		< CONNECTOR >									
		COOMILOTOTE						< SWITCH >			
CN1	1-605-002-11	SOCKET, CONNEC	TOR 7P								
CNT	1-033-032-11	SOURLI, COMME	7101171			S81	1-571-958-11	SWITCH, PUSH (1 KFY) (ST	0P)	
		< IC >				S82		SWITCH, LEAF (7	, ,	· ,	
		< 10 >				S83		SWITCH, LEAF (N			
101	0.750.076.00	IC CVA1017AM				S84		SWITCH, LEAF (F			
IC1	0-732-070-30	IC CXA1917AM				S85		SWITCH, LEAF (F		300)	
		LUMPED DECIC	TOD.			303	1-371-201 21	OVVITOIT, EEM (I	(LO D) (11)	300)	
		< JUMPER RESIS	iun>			S86	1 671 001-01	SWITCH, LEAF (F	IA1 F\		
	1 010 000 00	MASTAL OLUD	0	0.50/	1 /014/			*********		******	******
J1	1-216-296-00		0	0.5%		4.					
J2	1-216-296-00	METAL CHIP	0	0.5%							
J3	1-216-296-00	METAL CHIP	0	0.5%	1/8 W						
		< RESISTOR >									
					4 /4 614						
R1	1-216-685-11	METAL CHIP	27K	0.5%	1/10W						
R2	1-208-811-11	METAL GLAZE	16K	2%	1/10W						
R3		METAL GLAZE	2.4K	2%	1/10W						
R4		METAL GLAZE	5.1K	2%	1/10W						
R5	1-216-689-11	METAL CHIP	39K	0.5%	1/10W						
R6	1-216-689-11	METAL CHIP	39K	0.5%	1/1 0W						
R7	1-216-615-11	METAL CHIP	33	0.5%	1/1 0W						
						1					

MAIN	AC PO	WER SW	PANEL	POW	ER SW	REC V	OL TRANSI	FORMER	HP	
D-4 N-	Doub No.	D		Damark	l Dof No	Dort No.	Description		lomark	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
*		MAIN BOARD, CO	MPI ETE (KE	=200)		C207	1-126-965-11	ELECT	22uF	20%	50V
*	A-2007-524-A	MAIN BOARD, CO MAIN BOARD, CO	MPLETE (KE	E400S:EX		C208	1-126-964-11		10uF	20%	50V
*		MAIN BOARD, CO			CEPT E)						(KE400S)
*		MAIN BOARD, CO	•			C209	1-126-964-11		10uF	20%	50V
*	A-2007-591-A	MAIN BOARD, CO	•	X300)		C210	1-126-963-11		4.7uF	20%	50V
		*********	*****			C211	1-126-962-11		3.3uF	20%	50V
		AC DOMED CM DO	ADD (EVCE	DT LIC CI	ND EV	C212	1-124-902-00	ELECT	0.47uF	20%	50V
		AC POWER SW BO	,	PT U5,U	ND,E)	C213	1-126-963-11	FLECT	4.7uF	20%	50V
		PANEL BOARD				C231	1-126-963-11		4.7uF	20%	50V
		**********				0201	1 120 300 11	LLLO	7.7 UI		PT KE200)
		POWER SW BOAR	D (US.CND.	E)		C232	1-126-962-11	ELECT	3.3uF	20%	50V
		********		-,		C233	1-162-294-31		0.001uF	10%	50V
		REC VOL BOARD				C501	1-126-952-11		1000uF	20%	16V

		TRANSFORMER B				C502	1-126-964-11		10uF	20%	50V
		**********	*****			C503	1-126-964-11		10uF	20%	50V
		HP BOARD				C504	1-124-903-11	ELECT	1uF	20%	50V
		******				0505	1 100 004 11	CI COT	10	20%	EPT KE200) 50V
	0 077 007 11	HOLDED (EL)				C505	1-126-964-11		10uF 470uF	20%	10V
*	3-377-337-11 3-923-762-11	, ,				C506	1-126-925-11	ELECT	47 UUF		00S,KE200)
		< CAPACITOR >				C506	1-126-933-11	ELECT	100uF	20% (KE3	10V 800,RX300)
C101	1-137-372-11	FILM	0.022uF	5% (EXCE	50V EPT KE200)	C511	1-137-374-11	FILM	0.047uF	5%	50V EPT KE200)
C101	1-136-157-00	FILM	0.022uF	5%	50V (KE200)	C512	1-136-164-00	FILM	0.082uF	5%	50V EPT KE200)
C102	1-126-963-11	ELECT	4.7uF	20%	50V	C513	1-137-367-11	FILM	0.0033uF	5%	50V
C103	1-162-302-11	CERAMIC	0.0022uF	20%	16V					•	PT KE200)
0404	1 100 004 11	FLECT	10		PT KE200)	C521	1-126-964-11	ELECT	10uF	20%	50V
C104	1-126-964-11	ELECT	10uF	20%	50V	C551	1-162-282-31	CERAMIC	100PF	10%	50V
C105	1-136-165-00	EII M	0.1uF	5%	50V	C552	1-161-494-00		0.022uF	10 /0	25V
C105	1-136-163-00		0.101 0.068uF	5%	50V	C553	1-162-217-31		56PF	5%	50V
C100	1-126-965-11		22uF	20%	50V	C554	1-124-925-11		2.2uF	20%	100V
C107	1-126-964-11		10uF	20%	50V	C555	1-124-925-11		2.2uF	20%	100V
0100	1-120-504-11	LLLOI	TOUI .	20 /6	(KE400S)	0000	1-124-323-11	LLLOT	Z.Zui	2070	1001
C109	1-126-964-11	ELECT	10uF	20%	50V	C571	1-124-925-11	ELECT	2.2uF	20%	100V
						C572	1-126-916-11	ELECT	1000uF	20%	6.3V
C110	1-126-963-11	ELECT	4.7uF	20%	50V	C601	1-164-159-11	CERAMIC	0.1uF		50V
C111	1-126-962-11		3.3uF	20%	50V	C602	1-162-288-31		330PF	10%	50V
C112	1-124-902-00		0.47uF	20%	50V	C701	1-126-943-11	ELECT	2200uF	20%	25V
C113	1-126-963-11		4.7uF	20%	50V						
C131	1-126-963-11		4.7uF	20%	50V	C702	1-126-943-11	ELECT	2200uF	20%	25V
• • • • • • • • • • • • • • • • • • • •					PT KE200)	C703	1-104-664-11		47uF	20%	25V
				(=):(0:	,	C704	1-126-926-11		1000uF	20%	10V
C132	1-126-962-11	FLECT	3.3uF	20%	50V	C705	1-126-926-11		1000uF	20%	10V
C133	1-162-294-31		0.001uF	10%	50V	C706	1-126-935-11		470uF	20%	6.3V
C201	1-137-372-11		0.022uF	5%	50V	5,55	20 000				
OLU !	, 107 072 11		0.0220.		PT KE200)	C707	1-126-964-11	ELECT	10uF	20%	50V
C201	1-136-157-00	FILM	0.022uF	5%	50V	C708	1-126-963-11		4.7uF	20%	50V
	-				(KE200)	C709	1-126-968-11	ELECT	100uF	20%	50V
C202	1-126-963-11	ELECT	4.7uF	20%	50V ´	C710	1-104-664-11	ELECT	47uF	20%	25V
						C711	1-164-159-11	CERAMIC	0.1uF		50V
C203	1-162-302-11	CERAMIC	0.0022uF	20%	16V						
				(EXC	PT KE200)	C712	1-161-494-00		0.022uF		25V
C204	1-126-964-11		10uF	20%	50V	△ C713	1-113-925-11	CERAMIC	0.01uF	20%	250V
C205	1-136-165-00	FILM	0.1uF	5%	50V					(EX	CEPT US,E)
C206	1-136-163-00	FILM	0.068uF	5%	50V						

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN	AC PC	OWER SW PANEL	POWE	RSW	REC V	OL TRANSFORMER HP
Ref. No.	Part No.	Description F	Remark	Ref. No.	Part No.	<u>Description</u> Remark
C714	1-136-169-00	FILM 0.22uF 5%	50V	D709	8-719-933-54	DIODE HZS9A2L
		(KE200,KE300:EXCEPT E	E.KE400S)	D710	8-719-000-60	DIODE UZL-6M2
C715	1-136-169-00	FILM 0.22uF 5%	50V	D711	8-719-987-63	DIODE 1N4148M
		(KE200,KE300:EXCEPT E	E.KE400S)	D712	8-719-987-63	DIODE 1N4148M
△ C716	1-113-920-11	CERAMIC 0.0022uF 20%	2 50V			
			(RX300)	D713		DIODE UZL-7H1
		F1 F0 T	501/	D714	8-719-987-63	
C801	1-126-963-11		50V	D715		DIODE HZS2CLL
C803 C804	1-161-494-00		25V 25V	D801 D802		DIODE HZS6A1L DIODE HZS6A1L
C805	1-161-494-00 1-161-494-00		25V 25V	0002	0-719-933-33	DIODE TIZSONTE
C806	1-126-964-11		50V			< INDICATOR TUBE >
0000	1-120-304-11	10ui 2070	30 V			(INDIO/II OII OBE >
C807	1-126-935-11	ELECT 470uF 20%	6.3V	FL901	1-517-374-11	INDICATOR TUBE, FLUORESCENT (KE400S)
C808	1-161-494-00		25V	FL901		INDICATOR TUBE, FLUORESCENT
C809	1-161-494-00	CERAMIC 0.022uF	25V			(EXCEPT KE400S)
C810	1-162-282-31	CERAMIC 100PF 10%	50V			
C811	1-164-159-11	CERAMIC 0.1uF	50V			< IC >
C812	1-137-374-11		50V	IC501	8-752-066-35	IC CXA1563S (KE400S)
		(KE200,KE300:EXCEPT E	E.KE400S)	IC501		IC CXA1561S (EXCEPT KE400S)
				IC502	8-752-055-62	
		< CONNECTOR >		IC502		IC CXA1578P (RX300)
01104	4 500 000 44	COOKET COMMECTOR 7D		IC503	8-759-634-51	IC M5218AP (EXCEPT KE200)
* CN81	1-568-826-11	SOCKET, CONNECTOR 7P PIN, CONNECTOR (PC BOARD) 7P (KE4)	006)	IC504	8-759-634-51	IC M5218AP
CN101 CN201	1-695-087-11 1-695-087-11	, , , , , , , , , , , , , , , , , , , ,	,	IC504	8-759-634-51	IC M5218AP
* CN504	1-568-830-11	PIN, CONNECTOR (PC BOARD) 7P (KE4) SOCKET, CONNECTOR 11P	003)	IC505	8-759-140-53	
* CN504	1-568-954-11	PIN, CONNECTOR 5P (US,CND,E)		IC507	8-759-634-51	IC M5218AP (EXCEPT KE200)
CINOUS	1-300-334-11	TIN, CONNECTOR ST (CO,CND,E)		IC508		IC MC14052BCP
CN506	1-506-468-11	PIN, CONNECTOR 3P		10000	0 7 00 000 10	
CN701	1-564-510-11	PLUG, CONNECTOR 7P		IC509	8-759-916-14	IC SN74HC04AN (EXCEPT KE200)
* CN702	1-580-230-31	PIN, CONNECTOR (PC BOARD) 2P		IC510	8-759-634-51	IC M5218AP
* CN703	1-573-565-11	PIN, CONNECTOR 5P (KE300:E)		IC511		IC M5218AP
CN704	1-568-226-11	PIN, CONNECTOR 2P (EXCEPT US,E)		IC512		IC M5218AP (KE400S)
				IC601	8-759-803-42	IC LA6500-FA
* CN801		SOCKET, CONNECTOR 29P				
* CN901		SOCKET, CONNECTOR 29P		IC701	8-759-634-51	IC M5218AP
* CN904		SOCKET, CONNECTOR 11P		IC801		IC CXP82612-022Q
		CONNECTOR, BOARD TO BOARD		IC802		IC PS1600E-1
* CNB33	1-691-916-11	CONNECTOR, BOARD TO BOARD		IC901	8-741-810-39	IC SBX1810-59
		< DIODE >				< JACK >
D101	0 710 007 60	DIODE 18/41/9M		J501	1_770_61/ 11	JACK, PIN 4P (LINE)
D131 D132		DIODE 1N4148M DIODE 1N4148M		J501 J502		JACK, PIN 4P (LINE) JACK, LARGE TYPE (PHONES)
D132		DIODE 1N4148M		3302	1-300-319-41	JACK, LANGE THE (THONES)
D231		DIODE 1N4148M				< FILTER >
D511		DIODE 1N4148M (EXCEPT KE200)				(TETETY)
DOTT	0 7 10 007 00	BIODE THE FIRM (EXOLIT RELEGY)		LPF101	1-235-175-11	FILTER, LOW PASS (EXCEPT KE200)
D512	8-719-987-63	DIODE 1N4148M (EXCEPT KE200)		1		FILTER, LOW PASS (KE200)
D513		DIODE 1N4148M				FILTER, LOW PASS (EXCEPT KE200)
D551	8-719-987-63	DIODE 1N4148M				FILTER, LOW PASS (KE200)
D701	8-719-024-99	DIODE 11ES2-NTA2B				
D702	8-719-024-99	DIODE 11ES2-NTA2B				< TRANSISTOR >
D703	8_710_024_00	DIODE 11ES2-NTA2B		Q101	8-729-900-89	TRANSISTOR DTC144ES
D703 D704		DIODE 11ES2-NTA2B		Q101		TRANSISTOR DTC114ES (EXCEPT KE200)
D704 D705		DIODE 11ES2-NTA2B		Q121		TRANSISTOR 2SD2144S-UVW
D706		DIODE 11ES2-NTA2B		Q122		TRANSISTOR 2SC2785-HFE (EXCEPT KE200)
D707		DIODE 11ES2-NTA2B		Q201		TRANSISTOR DTC144ES
D708	8-719-933-33	DIODE HZS6A1L				
D708	8-719-933-33	DIODE HZS6A1L	_	'		

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number

specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

MAIN	AC PO	WER SV	V PAN	IEL	POWE	R SW	REC VO	DL T	RANSFOR	RMER	HP
Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Descrip	tion		Remark
Q202	8-729-900-80	TRANSISTOR	DTC114ES (I	EXCEPT KE	200)	R124	1-249-437-11	CARBON	47K	5%	1/4W
Q221	8-729-922-37	TRANSISTOR	2SD2144S-L	JVW	,					(EXC	EPT KE200)
Q222		TRANSISTOR		E (EXCEPT	KE200)	R125	1-249-425-11	CARBON	4.7K	5%	1/4W
Q503	8-729-422-57	TRANSISTOR	UN4111							•	EPT KE200)
0504	0.700.000.00	TD 441010T0D	DT0444E0			R131	1-249-425-11	CARBON	4.7K	5%	1/4W
Q504		TRANSISTOR		DV200\		D122	1 047 000 11	CADDON	430	5%	EPT KE200) 1/4W
Q505 Q511		TRANSISTOR TRANSISTOR			KESOO)	R132	1-247-822-11	CANDUN	430		EPT KE200)
Q511		TRANSISTOR				R133	1-247-866-11	CARBON	30K	5%	1/4W
Q521		TRANSISTOR		LXOLITIKE	.200)	11100	1 247 000 11	0/11/2014	OUN		EPT KE200)
Q531	8-729-422-57	TRANSISTOR	UN4111 (EX	CEPT KE20	00)	R134	1-249-435-11	CARBON	33K	5%	1/4W
Q532	8-729-900-80	TRANSISTOR	DTC114ES			R135	1-249-439-11	CARBON		5%	1/4W
Q551	8-729-119-76	TRANSISTOR	2SA1175-HF	E		R136	1-249-410-11			5%	1/4W
Q572		TRANSISTOR				R141	1-249-432-11			5%	1/4W
Q573	8-729-900-65	TRANSISTOR	DTA144ES (E	EXCEPT KE	[200]	R142	1-249-432-11	CARBON	18K	5%	1/4W
Q601	8-729-801-93	TRANSISTOR	2SD1387-3			R143	1-249-423-11	CARBON	3.3K	5%	1/4W
Q701		TRANSISTOR				R144	1-247-848-11	CARBON		5%	1/4W
Q702		TRANSISTOR				R145	1-249-409-11			5%	1/4W
Q703		TRANSISTOR			200)	R151	1-249-433-11			5%	1/4W
Q704	8-729-141-83	TRANSISTOR	2SB1094-LK			R152	1-249-417-11	CARBON	1K	5%	1/4 W
Q705	8-729-119-78	TRANSISTOR	2SC2785-HF	E		R153	1-249-441-11	CARBON	100K	5%	1/4W
Q706	8-729-900-74	TRANSISTOR	DTC143TS (I	EXCEPT KE	200)	R154	1-249-433-11	CARBON		5%	1/4W
Q707		TRANSISTOR				R201	1-247-838-00	CARBON	2K	5%	1/4W
Q708		TRANSISTOR								•	EPT RX300)
Q803	8-729-900-80	TRANSISTOR	DTC114ES			R201	1-249-421-11	CARBON	2.2K	5%	1/4W (RX300)
Q805	8-729-119-76	TRANSISTOR	2SA1175-HF	E		R202	1-247-842-11	CARBON	3K	5%	1/4W
4000										(EXC	EPT RX300)
		< RESISTOR >				DOOO	1 040 400 11	CADDON	3.3K	5%	1/4W
R101	1-247-838-00	CADRON	2K	5%	1/4W	R202	1-249-423-11	CARBUN	3.31	370	(RX300)
RIUI	1-247-030-00	CANDUN	ZK		CPT RX300)	R204	1-249-417-11	CARBON	1K	5%	1/4W
R101	1-249-421-11	CARRON	2.2K	5%	1/4W	R205	1-249-423-11			5%	1/4W
11101	1 243 421 11	OTTIBON	2.21	0 / 0	(RX300)	R206	1-247-887-00			5%	1/4W
R102	1-247-842-11	CARBON	3K	5%	1/4W					(EXC	EPT KE200)
					EPT RX300)	R207	1-249-428-11	CARBON	8.2K	5%	1/4W
R102	1-249-423-11	CARBON	3.3K	5%	1/4W					_	
					(RX300)	R208	1-249-429-11			5%	1/4W
R104	1-249-417-11	CARBON	1K	5%	1/4W	R210	1-249-429-11			5%	1/4W
_						R211	1-249-423-11			5%	1/4W
R105	1-249-423-11		3.3K	5%	1/4W	R212	1-247-864-11	CARBON	24K	5%	1/4W
R106	1-247-887-00	CARBON	220K	5%	1/4W	D010	1 040 400 11	CADDON	101/	E0/	(KE400S)
2.07			0.01/	(EXC	EPT KE200)	R213	1-249-429-11	CARRON	10K	5%	1/4W

5%

5%

5%

5%

5%

5%

5%

5%

5%

1/4W 1/4W

1/4W

1/4W

1/4W

1/4W

1/4W

1/4W

1/4W

1/4W

(KE400S)

(KE400S)

(KE400S)

8.2K

10K

10K

3.3K

24K

10K

47K

47K

2.2K

2.2K

R107

R108 R110

R111

R112

R113

R114

R121

R122 R123 1-249-428-11 CARBON

1-249-429-11 CARBON

1-249-429-11 CARBON

1-249-423-11 CARBON

1-247-864-11 CARBON

1-249-429-11 CARBON

1-249-437-11 CARBON

1-249-437-11 CARBON

1-249-421-11 CARBON

1-249-421-11 CARBON

R214

R221

R222

R223

R224

R225

R231

R232

1-249-437-11 CARBON

1-249-437-11 CARBON

1-249-421-11 CARBON

1-249-421-11 CARBON

1-249-437-11 CARBON

1-249-425-11 CARBON

1-249-425-11 CARBON

1-247-822-11 CARBON

47K

47K

2.2K

2.2K

47K

4.7K

4.7K

430

5%

5%

5%

5%

5%

5%

5%

5%

(KE400S)

1/4W (KE400S)

1/4W

1/4W

1/4W

1/4W

1/4W

1/4W

(EXCEPT KE200)

(EXCEPT KE200)

(EXCEPT KE200)

1/4W (EXCEPT KE200)

MAIN	AC POWER SW	PANEL	POWER SW	REC VOL	TRANSFORMER	HP

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R233	1-247-866-11	CARBON	30K	5% (EXCE	1/4 W PT KE200)	R526	1-249-429-11	CARBON	10K	5%	1/4W (RX300)
R234	1-249-435-11		33K	5%	1/4W	R527	1-249-426-11	CARBON	5.6K	5% (EXC	1/4W EPT KE200)
R235	1-249-439-11		68K	5%	1/4W	5500	1 040 400 44	0.4.00.041	0.71/	F0/	4 / 414 /
R236	1-249-410-11		270	5%	1/4W	R528	1-249-422-11	CARBON	2.7K	5%	1/4W
R241	1-249-432-11		18K	5%	1/4W	5500	4 0 4 0 4 0 0 4 4	0.155011	4014	,	EPT KE200)
R242	1-249-432-11		18K	5%	1/4W	R529	1-249-429-11		10K	5%	1/4W
R243	1-249-423-11	CARBON	3.3K	5%	1/4 W	R530	1-249-421-11		2.2K	5%	1/4W
						R531	1-249-427-11	CARBON	6.8K	5%	1/4W
R244	1-247-848-11		5.1K	5%	1/4W					•	00,KE400S)
R245	1-249-409-11		220	5%	1/4 W	R531	1-249-426-11	CARBON	5.6K	5%	1/4W
R251	1-249-433-11		22K	5%	1/4W						(RX300)
R252	1-249-417-11		1K	5%	1/4 W						
R253	1-249-441-11		100K	5%	1/4 W	R532	1-249-433-11		22K	5% (KE3	1/4W 00,KE400S)
R254	1-249-433-11	CARBON	22K	5%	1/4W	R532	1-247-862-11	CARBON	20K	5%	1/4 W
R502	1-215-452-00	METAL	20K	1%	1/ 4W						(RX300)
R503	1-249-422-11	CARBON	2.7K	5%	1/ 4W	R535	1-249-419-11	CARBON	1.5K	5%	1/4 W
R504	1-215-455-00	METAL	27K	1%	1/ 4W					(KE3	00,KE400S)
R505	1-249-417-11	CARBON	1K	5%	1/4W	R536	1-249-421-11	CARBON	2.2K	5%	1/4 W
				(EXCE	PT KE200)					(EXC	EPT KE200)
					,	R537	1-247-866-11	CARBON	30K	5%	1/4W
R506	1-249-429-11	CARBON	10K	5%	1/4W					(EXC	EPT KE200)
					(RX300)					•	,
R507	1-249-440-11	CARBON	82K	5%	1/4W (RX300)	R538	1-247-852-11	CARBON	7.5K	5% (EXC)	1/4W EPT KE200)
R512	1-249-421-11	CARBON	2.2K	5%	1/4W	R539	1-249-431-11	CARBON	15K	5%	1/4W
DE40	1 040 441 11	CADDON	1001/		PT KE200)	DC 40	1 047 074 11	CADDON	COK	•	EPT KE200)
R513	1-249-441-11	CARBON	100K	5%	1/4W	R540	1-247-874-11	CARBON	62K	5%	1/4W
D544	4 040 444 44	CARRON	4001/		PT KE200)	D544	1 010 100 11	0.4.0.0.0.11	401/		EPT KE200)
R514	1-249-441-11	CARBON	100K	5%	1/4W	R541	1-249-429-11	CARBON	10K	5%	1/4W
				(EXCE	PT KE200)	D5.40	1 010 100 11	OADDON	401/		EPT KE200)
D545	4 040 400 44	OADDON	001/	5 0/	4 (4)41	R542	1-249-429-11	CARBON	10K	5%	1/4W
R515	1-249-436-11	CARBON	39K	5% (EXCE	1/4W PT KE200)					(EXC	EPT KE200)
R516	1-249-425-11	CARBON	4.7K	5%	1/4W	R543	1-249-429-11	CARBON	10K	5%	1/4 W
				(EXCE	PT KE200)					(EXC	EPT KE200)
R517	1-249-433-11	CARBON	22K	5%	1/4W	R544	1-249-429-11	CARBON	10K	5%	1/4 W
				(EXCE	PT KE200)					(EXC	EPT KE200)
R518	1-249-425-11	CARBON	4.7K	5%	1/4W	R553	1-249-437-11	CARBON	47K	5%	1/4W
				(EXCE	PT KE200)	R555	1-249-427-11	CARBON	6.8K	5%	1/4 W
R521	1-249-426-11	CARBON	5.6K	5%	1/4W	R556	1-249-423-11	CARBON	3.3K	5%	1/4 W
				(KE30	0.KE400S)						
						R557	1-249-441-11	CARBON	100K	5%	1/4 W
R521	1-247-852-11	CARBON	7.5K	5%	1/4W	R558	1-249-429-11	CARBON	10K	5%	1/4 W
					(RX300)	R559	1-249-441-11	CARBON	100K	5%	1/4 W
R522	1-249-426-11	CARBON	5.6K	5%	1/4W	R560	1-249-417-11	CARBON	1K	5%	1/4 W
				(KE30	0.KE400S)	R561	1-249-432-11	CARBON	18K	5%	1/4W
R522	1-247-852-11	CARBON	7.5K	5%	1/ 4W						
					(RX300)	R562	1-249-436-11	CARBON	39K	5%	1/4W
R523	1-247-858-11	CARBON	13K	5%	1/4W	R563	1-247-848-11	CARBON	5.1K	5%	1/4W
					PT KE200)						(KE200)
R524	1-247-852-11	CARBON	7.5K	5%	1/4W	R564	1-247-834-11	CARBON	1.3K	5%	1/4W
					(RX300)						(KE200)
					(R565	1-249-430-11	CARBON	12K	5%	1/4W
R525	1-247-854-11	CARBON	9.1K	5%	1/ 4W	,,,,,,,	. 2.0 100 11		,	- / -	(KE200)
.1020	. 277 004 11	5. II 15 6 14	0.114		0,KE400S)	R567	1-249-433-11	CARRON	22K	5%	1/4W
R525	1-249-429-11	CARRON	10K	5%	1/4W	11007	1 E 10 HOU IT	3, 11, 15 014		3,3	(KE200)
11020	. 270 720-11	SALEON	1011	J /0	(RX300)						()
R526	1-247-854-11	CARRON	9.1K	5%	1/4W	R572	1-249-429-11	CARBON	10K	5%	1/4W
11020	. 277 007 11	CATIDON	0.110		0.KE400S)	R573	1-249-429-11		10K	5%	1/4W
				(11200	J.NL 7000)	11070	. LTO TEO 11	SALIDON	1011	5 /0	.,

MAIN	AC PO	WER SW	PAN	EL	POWE	R SW	REC VO	DL TF	RANSFOR	MER	HP
Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	ı	F	Remark
R574	1-249-435-11	CARBON	33K	5%	1/4W	R815	1-247-807-31	CARBON	 100	5%	1/4W
N3/4	1-249-433-11	CANDUN	SSK		CEPT KE200)	R816	1-247-807-31	CARBON	100	5%	1/4W
R575	1-247-807-31	CARBON	100	5%	1/4W	11010	1 247 007 01	ONINDON	100	0 70	17 - 11
R576	1-249-435-11	CARBON	33K	5%	1/4W	R820	1-247-807-31	CARBON	100	5%	1/4W
11070	1 240 400 71	O/IIIDOI	OOK	0 70	(KE400S)	R821	1-249-429-11	CARBON	10K	5%	1/4W
					(1124000)	R822	1-249-429-11	CARBON	10K	5%	1/4W
R577	1-249-429-11	CARBON	10K	5%	1/4W	R823	1-249-429-11	CARBON	10K	5%	1/4W
R578	1-249-433-11	CARBON	22K	5%	1/4W	R824	1-249-421-11	CARBON	2.2K	5%	1/4W
R601	1-249-419-11	CARBON	1.5K	5%	1/4W		, = 10 12 11			*	
R602	1-249-429-11	CARBON	10K	5%	1/4W	R825	1-249-435-11	CARBON	33K	5%	1/4W
R603	1-247-807-31		100	5%	1/4W	R826	1-249-421-11	CARBON	2.2K	5%	1/4W
		0.1.10011		• / •	.,	R827	1-249-422-11	CARBON	2.7K	5%	1/4W
R604	1-249-433-11	CARBON	22K	5%	1/4W	R828	1-249-422-11	CARBON	2.7K	5%	1/4W
R605	1-249-433-11	CARBON	22K	5%	1/4W	R829	1-249-422-11	CARBON	2.7K	5%	1/4W
R606	1-249-430-11	CARBON	12K	5%	1/4W	11023	1 243 422 11	OMINDON	2.710	0 70	.,
R607	1-249-433-11	CARBON	22K	5%	1/4W	R830	1-249-429-11	CARBON	10K	5%	1/4W
R608	1-247-862-11	CARBON	20K	5%	1/4W	R831	1-249-429-11	CARBON	10K	5%	1/4W
NUUO	1-247-002-11	CANDON	20K	3 70	1/4 VV	R832	1-249-437-11	CARBON	47K	5%	1/4W
Denn	1 240 420 11	CARBON	101/	5%	1////	R833		CARBON	47K 47K	5%	1/4W
R609	1-249-429-11	CARBON	10K		1/4W		1-249-437-11		1.8K	5%	1/4W
R701	1-249-425-11		4.7K	5%	1/4W	R901	1-249-420-11	CARBON	1.0N	370	1/4 VV
R702	1-249-419-11	CARBON	1.5K	5%	1/4W	D000	1 040 400 11	CADDON	2.21/	EO/	1 /AVA/
R703	1-249-418-11	CARBON	1.2K	5%	1/4W	R902	1-249-423-11	CARBON	3.3K	5%	1/4W
R704	1-249-427-11	CARBON	6.8K	5%	1/4W	R903	1-249-426-11	CARBON	5.6K	5%	1/4W
						R904	1-249-429-11	CARBON	10K	5%	1/4W
R705	1-249-419-11		1.5K	5%	1/4W	R905	1-249-435-11	CARBON	33K	5%	1/4W
R706	1-249-419-11	CARBON	1.5K	5%	1/4 W	R906	1-249-420-11	CARBON	1.8K	5%	1/4W
R707	1-249-429-11	CARBON	10K	5%	1/4W						
R708	1-249-425-11	CARBON	4.7K	5%	1/4 W	R907	1-249-423-11	CARBON	3.3K	5%	1/4W
R709	1-249-409-11	CARBON	220	5%	1/4 W	R908	1-249-426-11	CARBON	5.6K	5%	1/4W
						R909	1-249-429-11	CARBON	10K	5%	1/4W
R710	1-249-417-11	CARBON	1K	5%	1/4W						(RX300)
R711	1-249-427-11	CARBON	6.8K	5%	1/4 W	R910	1-249-435-11	CARBON	33K	5%	1/4W
R712	1-249-427-11	CARBON	6.8K	5%	1/4W						(RX300)
R713	1-249-421-11	CARBON	2.2K	5%	1/4W	R912	1-247-807-31	CARBON	100	5%	1/4 W
R714	1-249-425-11	CARBON	4.7K	5%	1/4W						
					(US,CND,E)	R913	1-249-429-11	CARBON	10K	5%	1/4 W
						R921	1-249-430-11	CARBON	12K	5%	1/4W
R715	1-249-421-11	CARBON	2.2K	5%	1/4W						(KE400S)
R716	1-249-437-11	CARBON	47K	5%	1/4W	R921	1-247-836-11	CARBON	1.6K	5%	1/4W
R717	1-249-429-11	CARBON	10K	5%	1/4W					(EXCEP	T KE400S)
R718	1-247-870-11	CARBON	43K	5%	1/4W	R922	1-249-427-11	CARBON	6.8K	5%	1/4W
R719	1-249-429-11	CARBON	10K	5%	1/4W						(KE400S)
						R922	1-249-421-11	CARBON	2.2K	5%	1/4W
R801	1-249-417-11	CARBON	1K	5%	1/4W					(EXCEP	T KE400S)
R802	1-249-441-11		100K	5%	1/4W					,	
R803	1-249-429-11		10K	5%	1/4W	R923	1-249-423-11	CARBON	3.3K	5%	1/4W
R805	1-249-434-11		27K	5%	1/ 4W	R924	1-247-868-11		36K	5%	1/4W
R806	1-249-434-11		27K	5%	1/4W						(KE400S)
11000	1 210 101 11	O/ II I DOI I	27.10		CEPT KE200)	R924	1-249-427-11	CARRON	6.8K	5%	1/4W
				(27)	oer i needd)	11021	1 210 127 11	0,11,120,1	0.0		00,RX300)
R807	1-249-434-11	CARRON	27K	5%	1/4W	R925	1-247-836-11	CARRON	1.6K	5%	1/4W
11007	1 243 404 11	OAHBON	LIK		CEPT KE200)	11323	1 247 000 11	0/11/0014	1.010	0 / 0	(KE400S)
R808	1-249-434-11	CARRON	27K	5%	1/4W	R926	1-249-421-11	CARRON	2.2K	5%	1/4W
11000	1-245-434-11	CANDON	21 K			11920	1-243-421-11	CALIDON	2.21	3 70	(KE400S)
DOOO	1 040 404 11	CADDON	071/		CEPT KE200)						(NL4000)
R809	1-249-434-11	CARBON	27K	5%	1/4W			. MADIADI	F DECICTOD .		
D040	1 047 007 01	CADDON	100		CEPT KE200)			< ANUINAL	E RESISTOR >		
R810	1-247-807-31		100	5%	1/4W	D. 13.3.1	4 044 000 44	DEC AD:	OADBON 401/ /DEC	יייי דייי	1 1 \
R811	1-247-807-31	CARRON	100	5%	1/4W	RV111	1-241-630-11		CARBON 10K (REC		•
		0.4.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	RV211	1-241-630-11		CARBON 10K (REC		
R812	1-247-807-31		100	5%	1/4W	RV901	1-223-604-11		CARBON 10K/10K		
R813	1-247-807-31		100	5%	1/4W	RV902	1-223-605-11	RES, VAR,	CARBON 20K/20K	(RALANCE	:)
R814	1-247-807-31	CARBON	100	5%	1/4 W						

MAIN	AC PC	OWER SW PANEL	POWE	R SW	REC V	OL TRANSFORMER HP
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	<u>Description</u> <u>Remark</u>
		< SWITCH >		HE901 HRP901	1-543-673-11 1-543-919-11	HEAD, MAGNETIC (ERASE) (EXCEPT RX300) HEAD, MAGNETIC (RECORD/PLAYBACK)
S901	1-554-303-21	SWITCH, TACTILE (■■ PAUSE)	\			(EXCEPT RX300)
S902 S903	1-554-303-21 1-554-303-21	SWITCH, TACTILE (<< ▷ AMS ► SWITCH, TACTILE (<< ▷ AMS ► AMS		HRPE90	1A-2004-527-A	DECK ASSY, HEAD (RECORD/PLAYBACK/ERASE) (RX300)
S904	1-554-303-21	SWITCH, TACTILE (◄◄ ▷➤ AMS ▶►	,	M901	X-3363-501-2	MOTOR ASSY, REEL (REEL)
S905	1-554-303-21	SWITCH, TACTILE (O REC MUTE)	, ,	M902 △S701		MOTOR ASSY, CAPSTAN (CAPSTAN)
S906	1-554-303-21	SWITCH, TACTILE (RESET)		 ∆T901	1-426-651-11	TRANSFORMER, POWER
S907	1-554-303-21	SWITCH, TACTILE (MEMORY)				(KE200,KE300:EXCEPT E)
S908	1-554-303-21	SWITCH, TACTILE ()		A T001	1 400 050 11	TDANICEODAAED DOWED (MESON-E)
S909 S910	1-554-303-21 1-554-303-21	SWITCH, TACTILE (◀◀) SWITCH, TACTILE (▶►)		1		TRANSFORMER, POWER (KE300:E) TRANSFORMER, POWER (RX300)
2910	1-334-303-21	SWITCH, TACTILE (↑ T901		TRANSFORMER, POWER (KE400S:EXCEPT US)
S911	1-554-303-21	SWITCH, TACTILE (● REC)		<u></u>		TRANSFORMER, POWER (KE400S:US)
S912	1-762-567-11)		1 127 702 11	, , , , , , , , , , , , , , , , , , ,
S921	1-554-303-21	SWITCH, TACTILE (AUTO CAL) (EXCE		*******	**********	*************
S922	1-762-647-11	SWITCH, ROTARY (DOLBY NR) (KE40	0S)			ACCESSORIES & PACKING MATERIALS
S922	1-762-641-11	SWITCH, ROTARY (DOLBY NR) (KE30	0,RX300)			*******
S922	1-762-640-11	SWITCH, ROTARY (DOLBY NR) (KE20				
 ∆\$930	1-762-581-11	(EXCÉP	T US,CND,E)		1-551-734-11 3-856-130-11	CORD, CONNECTION MANUAL, INSTRUCTION (ENGLISH/FRENCH)
S931	1-762-580-11	SWITCH, PUSH (1 KEY) (POWER) (US	S,CND,E)		3-856-134-11	(RX300) MANUAL, INSTRUCTION (ENGLISH/FRENCH/
 ∆T901	1-426-651-11	< TRANSFORMER > TRANSFORMER, POWER (KE200, KE30	no.		3-856-134-21	SPANISH/PORTUGUESE) (AEP) MANUAL, INSTRUCTION (ENGLISH) (US,UK,AUS)
∆T901	1-426-652-11	TRANSFORMER, POWER (KE300:E)	EXCEPT E)		3-856-134-31	MANUAL, INSTRUCTION (GERMAN/DUTCH/ SWEDISH/ITALIAN)(AEP)
△ T901	1-427-743-11	TRANSFORMER, POWER (RX300)				· · · · · · · · · · · · · · · · · · ·
 ∆T901	1-427-751-11	TRANSFORMER, POWER (KE400S: EXC	CEPT US)		3-856-134-41	MANUAL, INSTRUCTION (GERMAN) (G)
 ∆T901	1-427-752-11	TRANSFORMER, POWER (KE400S:US)		3-856-134-51	MANUAL, INSTRUCTION (ENGLISH,FRENCH, SPANISH,CHINESE) (E,MY,SP)
		< TEST PIN >		*	3-931-693-01 3-932-083-01	
* TP801	1-560-060-00	PIN, CONNECTOR 2P		*		INDIVIDUAL CARTON (KE200)
		< VIBRATOR >		*		INDIVIDUAL CARTON (KE300:AEP,G,MY,SP)
		AMBRATOR OFFICE (OLD)		*		INDIVIDUAL CARTON (KE400S:AEP,UK,G)
X801	1-5//-360-11	VIBRATOR, CERAMIC (6MHz)		*		INDIVIDUAL CARTON (RX300) INDIVIDUAL CARTON (KE300:E,AUS)
******	******	**********	******			**************************************
		MICCELLANICOLIC		******	******	**********
		MISCELLANEOUS ************				******
						HARDWARE LIST
 ∆ 9	1-569-007-11	ADAPTER, CONVERSION 2P (KE300:E	:)			*******
56		WIRE (FLAT TYPE) (29 CORE)	-,			
61		WIRE (FLAT TYPE) (7 CORE)		#1	7-682-548-04	SCREW +BVTT 3X8 (S)
67		WIRE (FLAT TYPE) (11 CORE)		#2		SCREW +BVTT 3X6 (S)
		CORD, POWER (POLAR.SPT-1)		#3		SCREW +BVTT 3X8 (S)
				#4	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S
		CORD, POWER (AEP,G,MY,SP)		#5	7-685-862-09	SCREW +BVTT 2.6X6 (S)
		CORD, POWER (E)				
		CORD, POWER (AUS)		#6		SCREW (+ PTPWH) (2.6X8)
		CORD, POWER (UK)		#7		SCREW +B 2.6X3
FL901	1-51/-173-11	INDICATOR TUBE, FLUORESCENT (KE200,KE	300,RX300)	#8 #9		SCREW +P 2.6X2.8 SCREW (+B2X10) (EXCEPT RX300)
FL901	1-517-374-11	INDICATOR TUBE, FLUORESCENT (KE	E400S)			

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

TC-KE200/KE300/KE400S/RX300

REVISION HISTORY

Clicking the version allows you to jump to the revised page.

Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision	
1.1	2001.05	Silver model added for TC-KE400S.	(SFD-01006)
1.0	1996.04	New.	